

Photochem

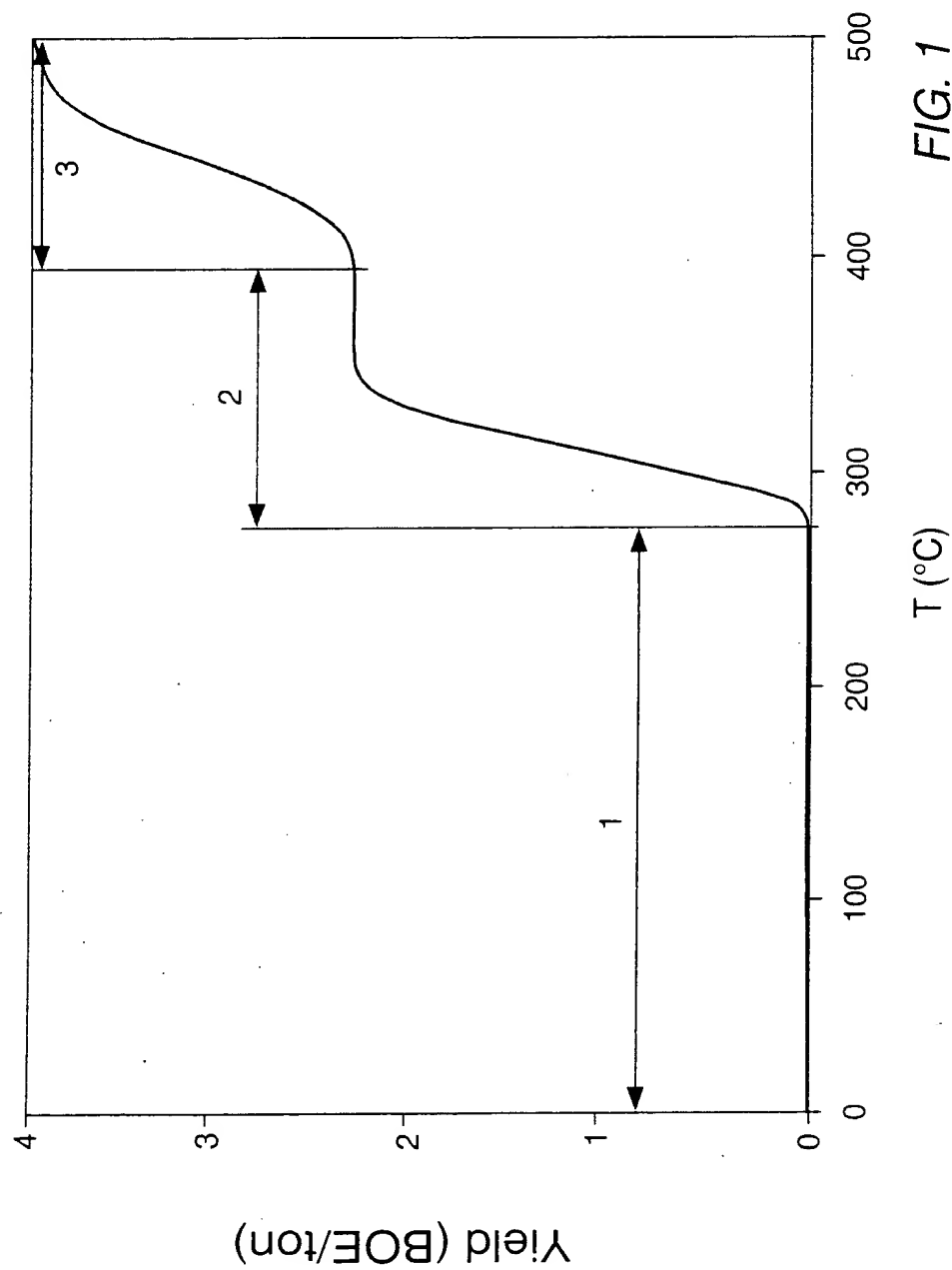
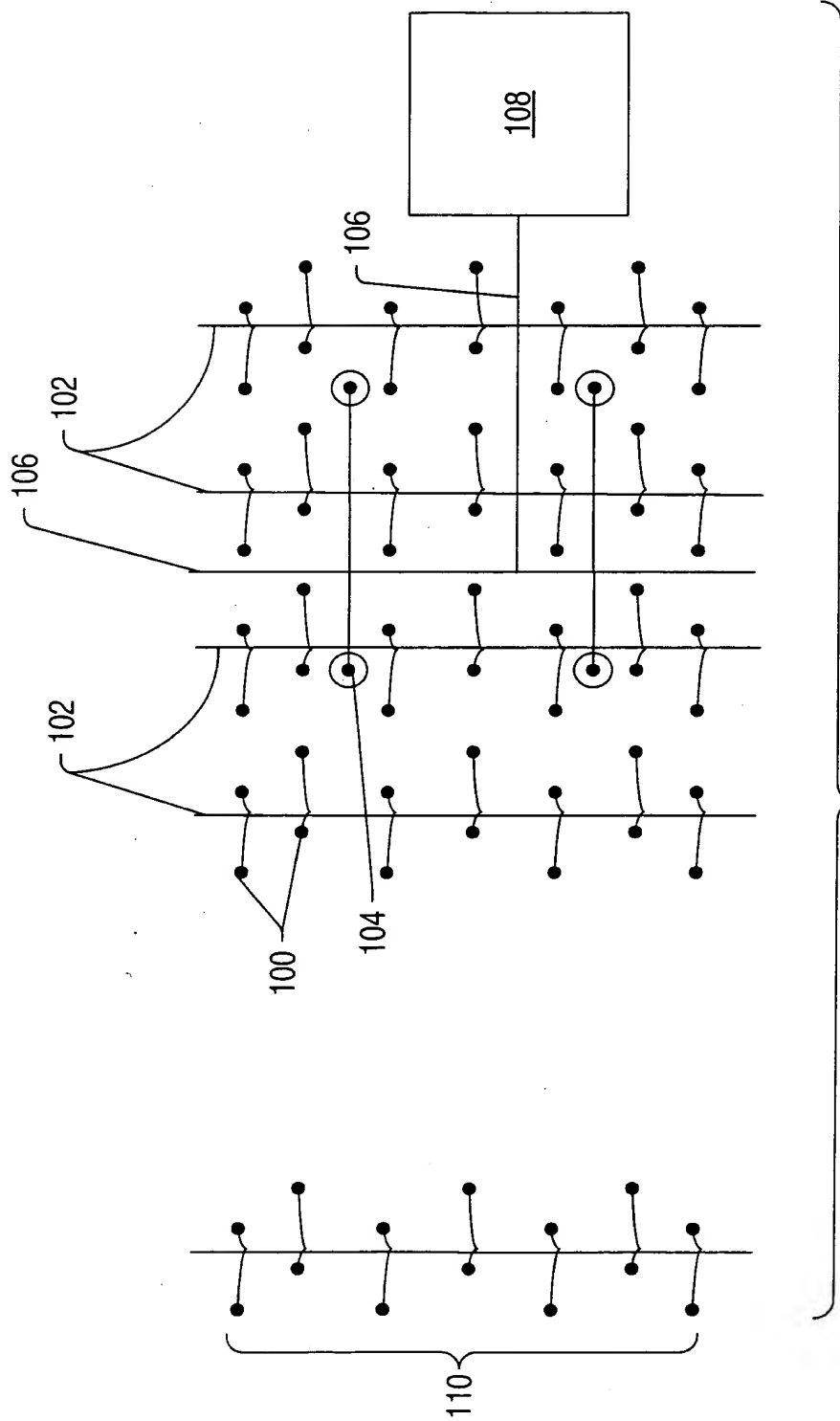


Figure 2 is a graph showing the relationship between H/C (vertical axis) and O/C (horizontal axis). The vertical axis ranges from 0 to 1.7, and the horizontal axis ranges from 0 to 0.25. The graph is divided into four regions labeled Type I, Type II, Type III, and Type IV. Contour lines are drawn, with labels 0.4, 0.5, 5, 7, and 9. A shaded area is labeled 11.

FIG. 2



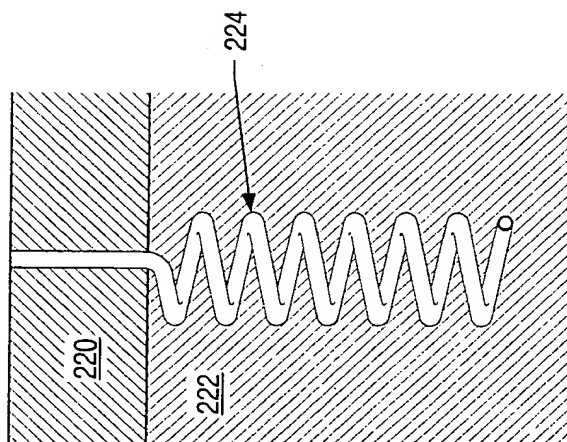


FIG. 3a

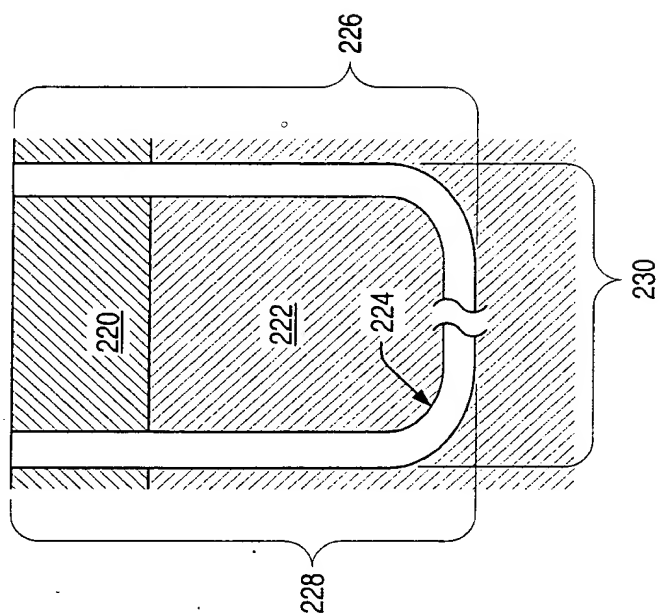


FIG. 3b

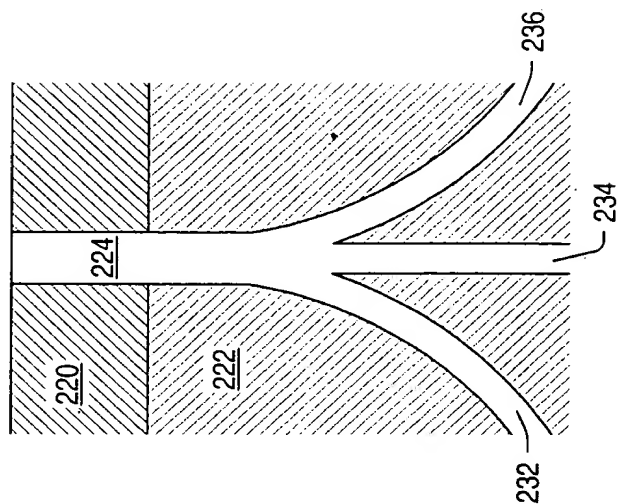
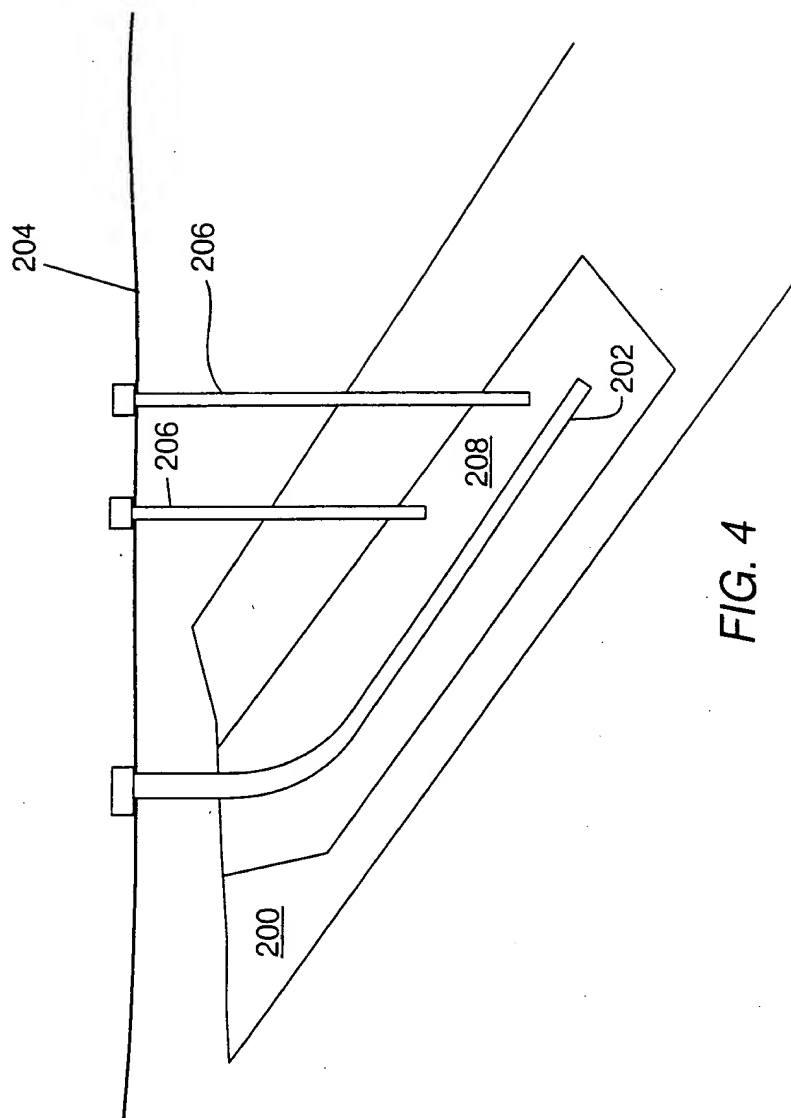
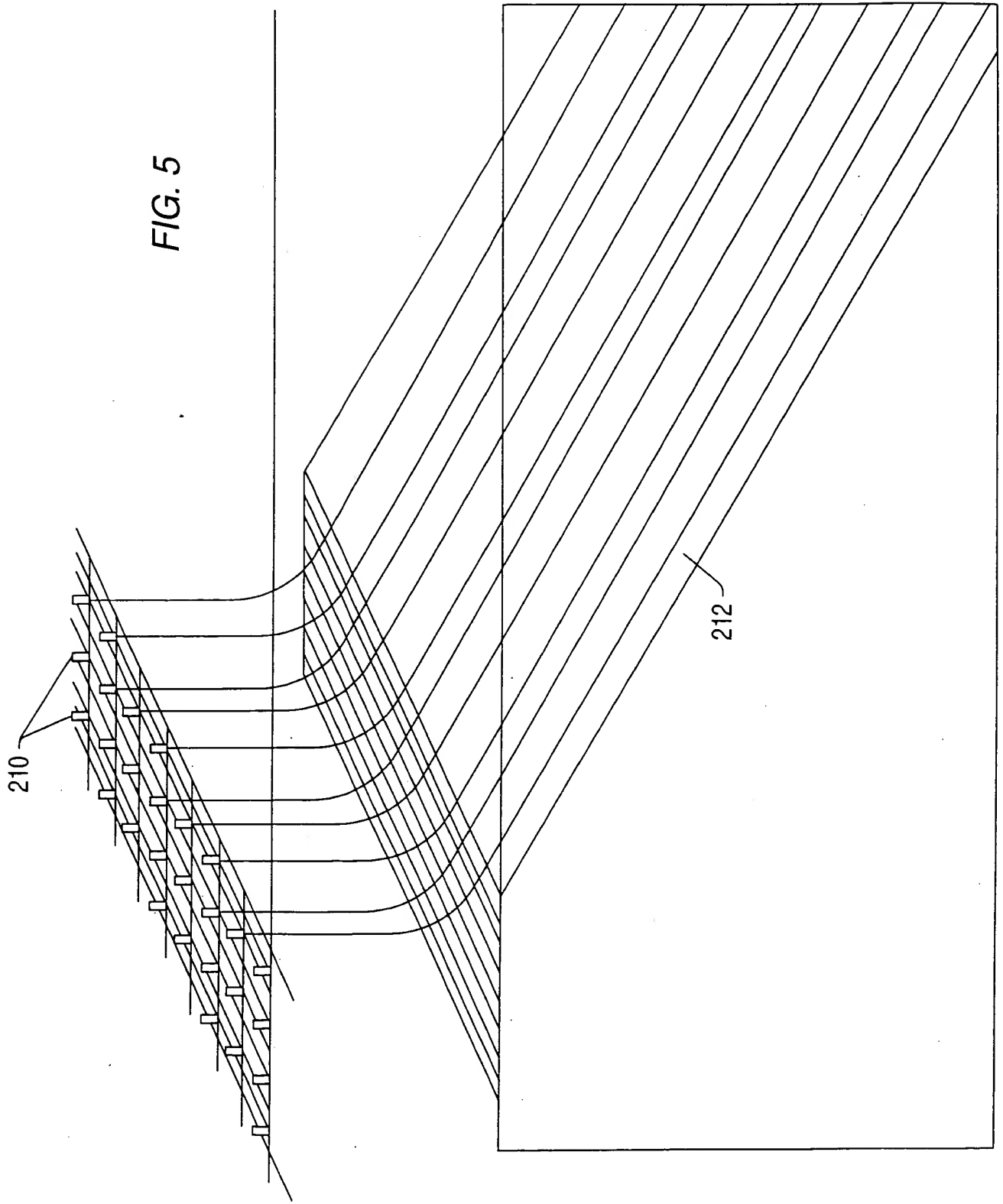


FIG. 3c





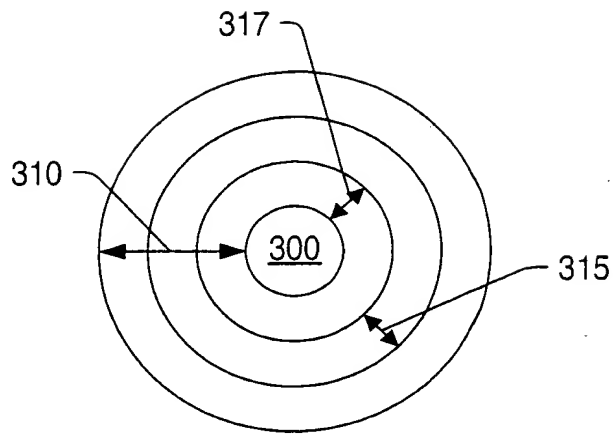


FIG. 6

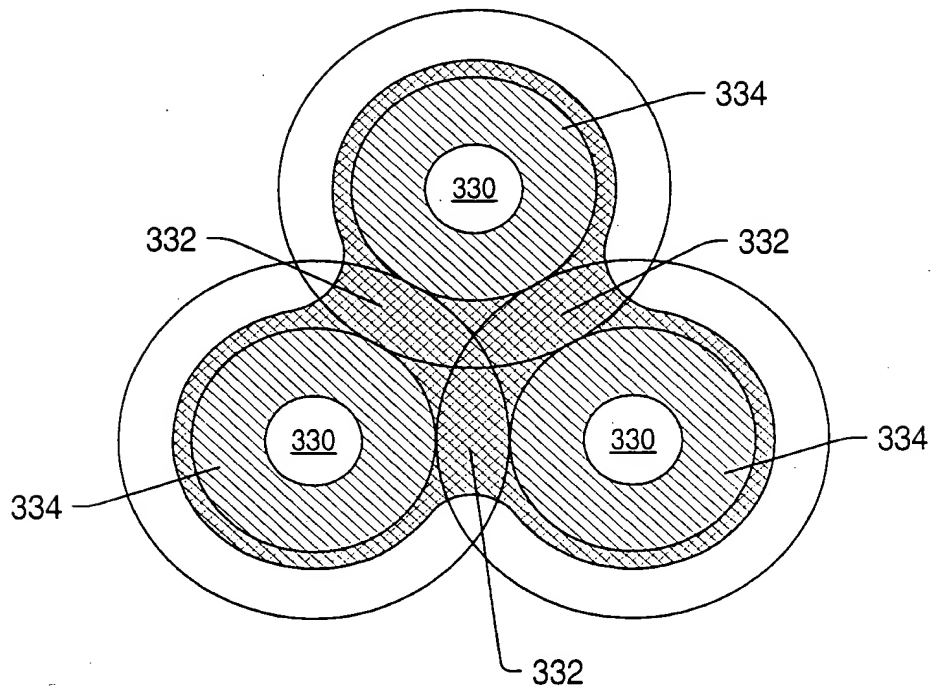


FIG. 7

FIG. 6

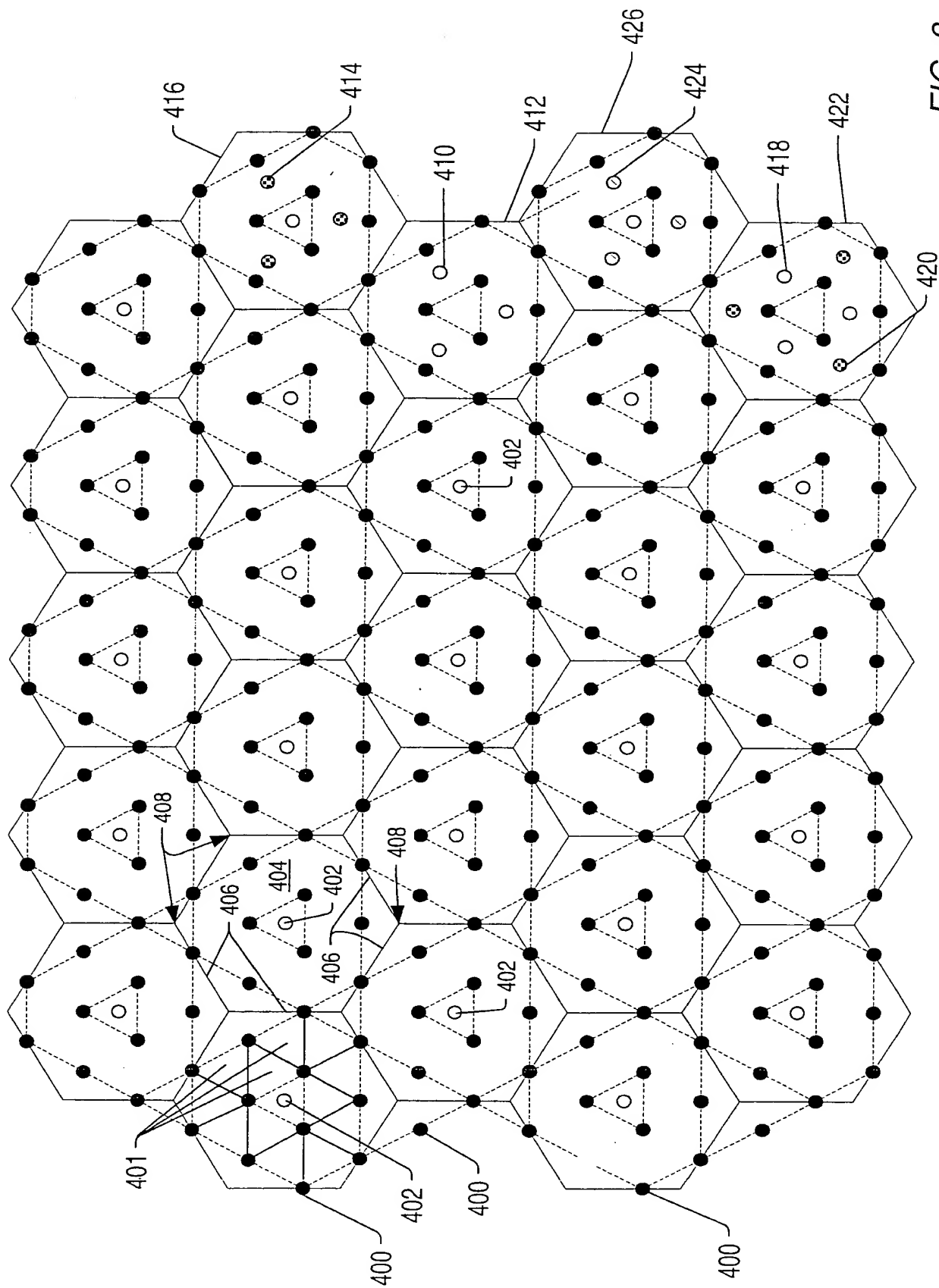


FIG. 8

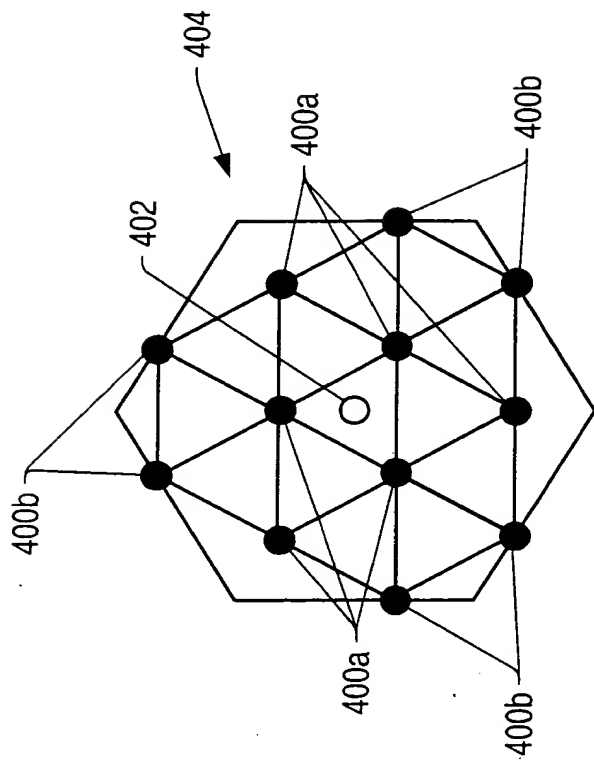


FIG. 9

FIG. 10

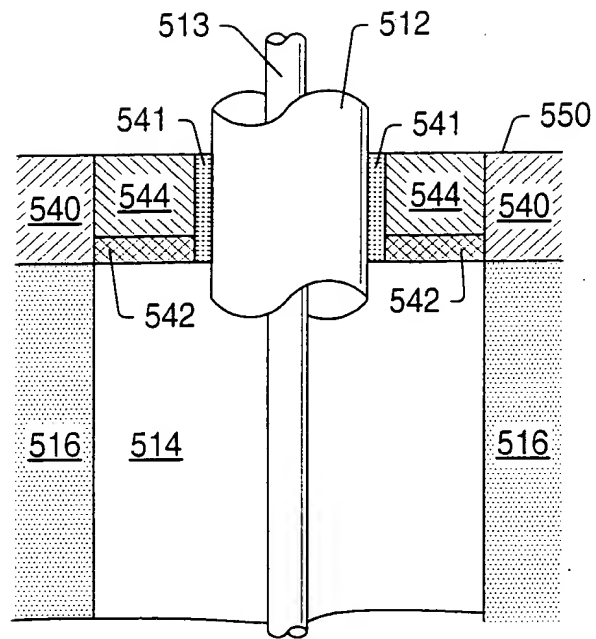


FIG. 11

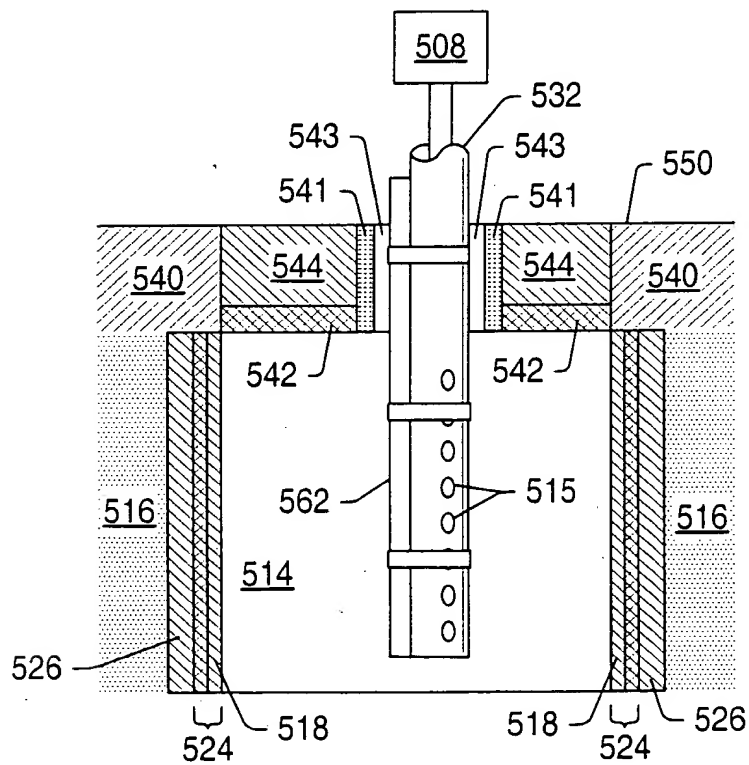


FIG. 12

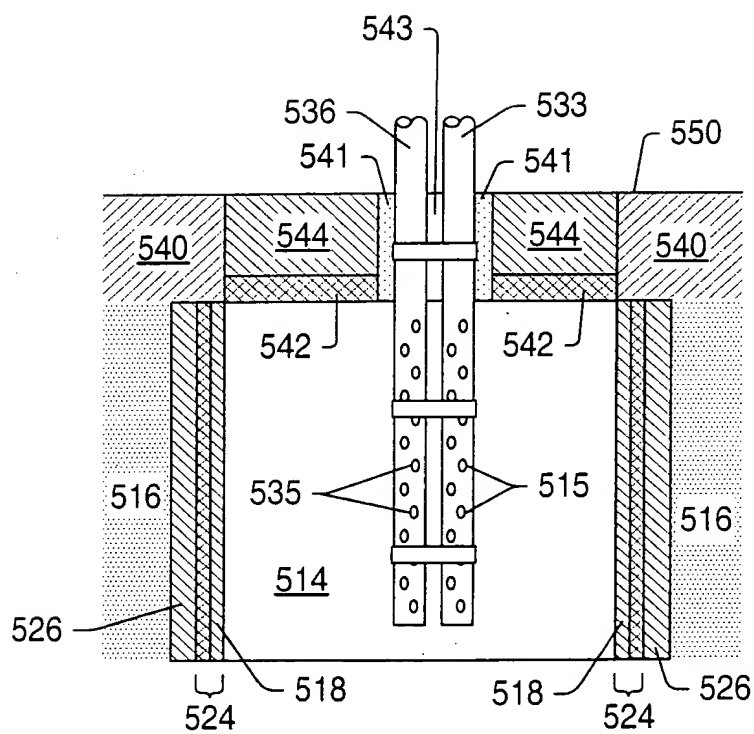


Fig. 13

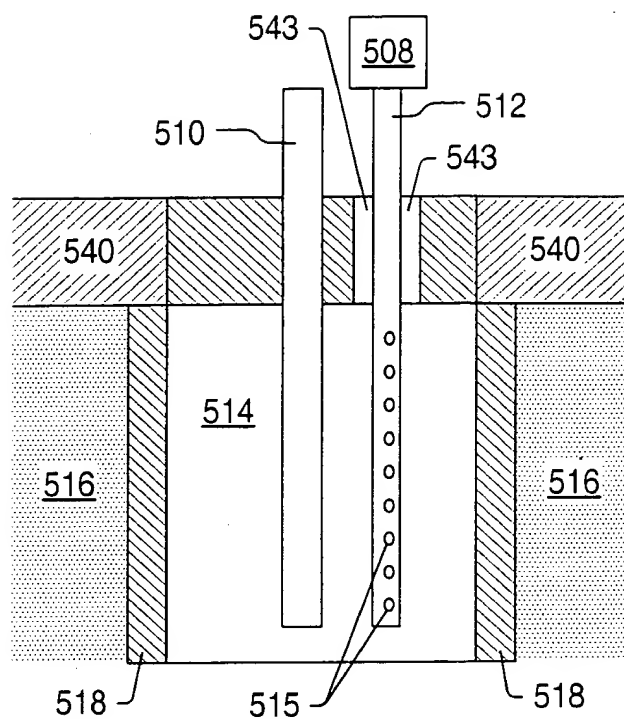


FIG. 14

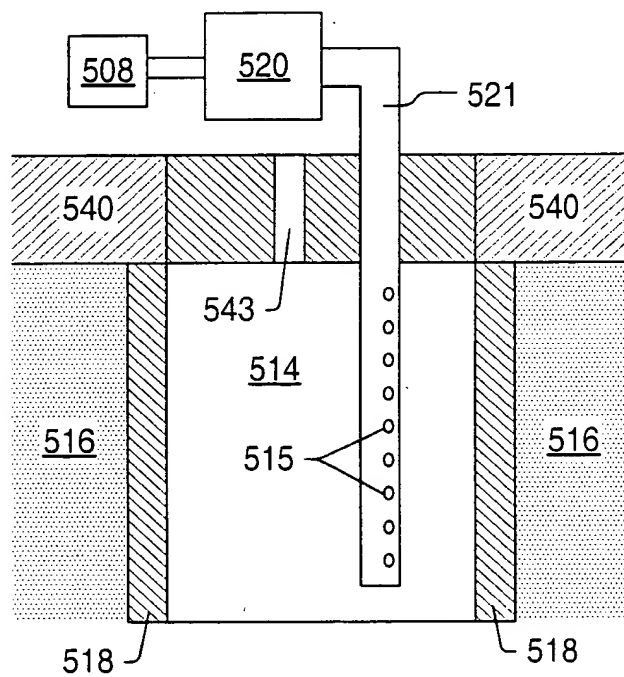


FIG. 15

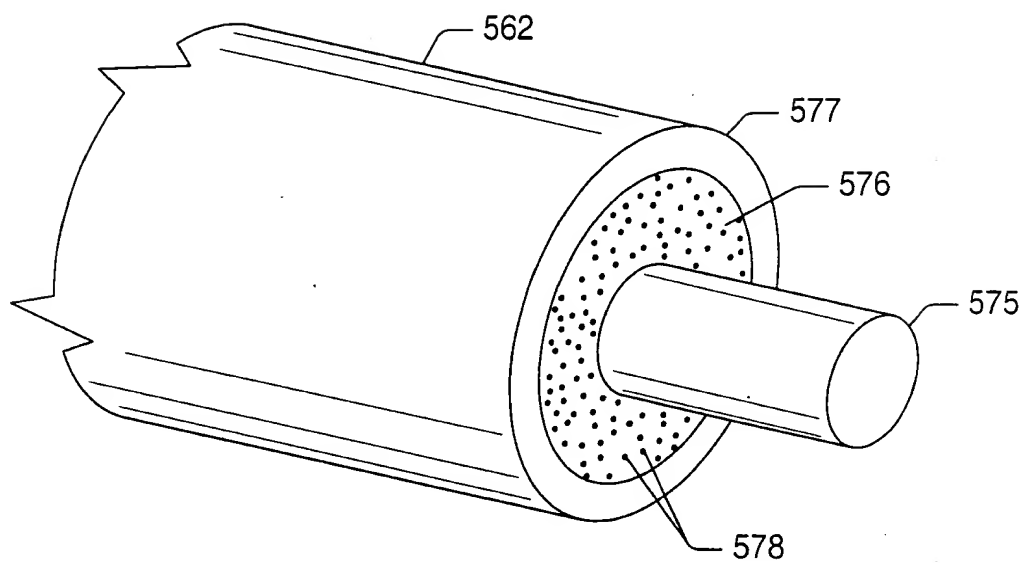


FIG. 16

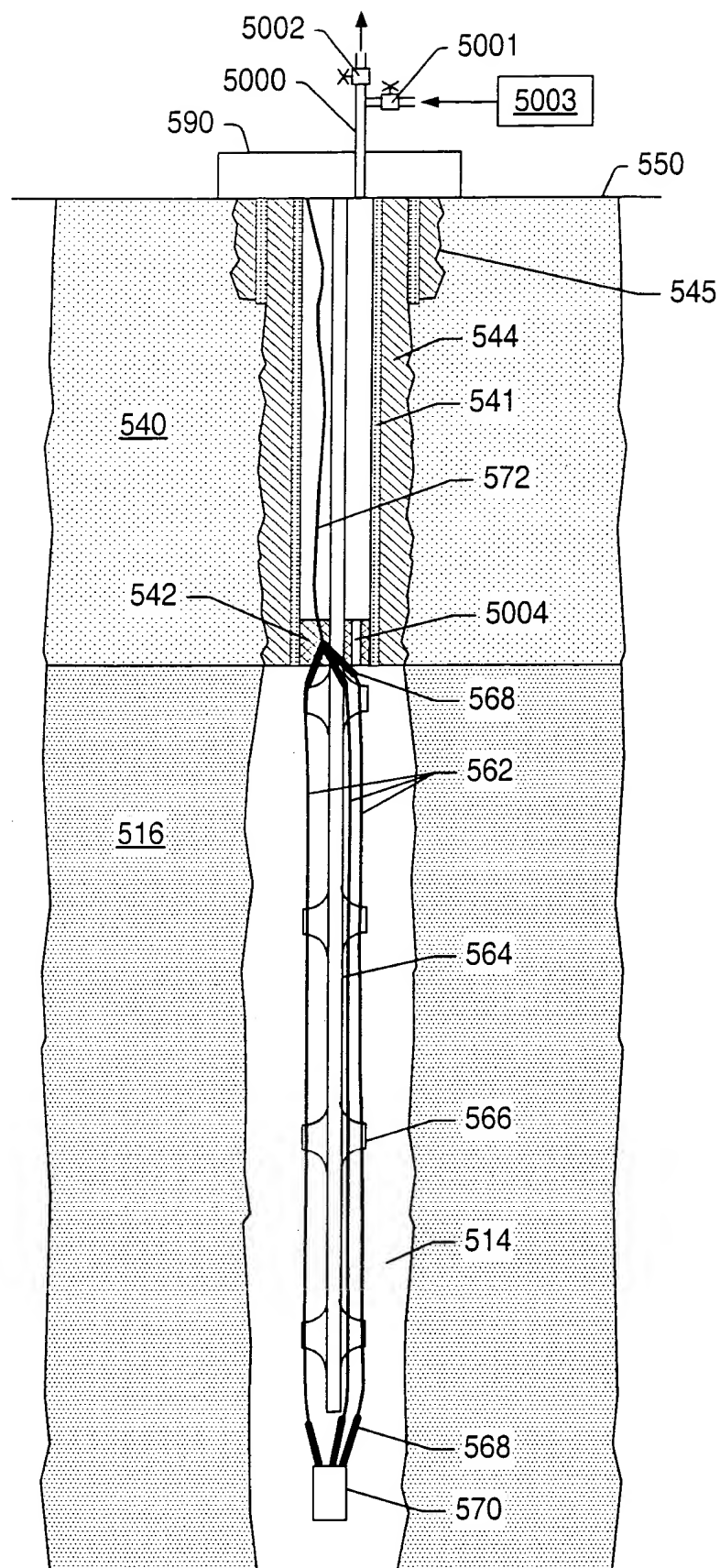


FIG. 17

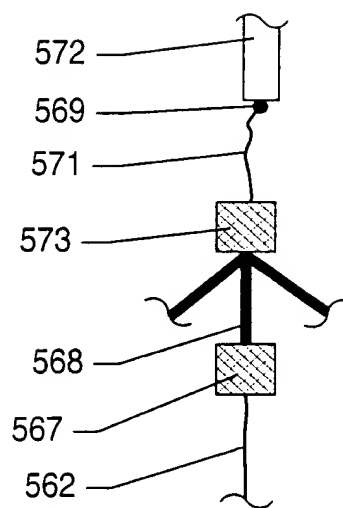


FIG. 17A

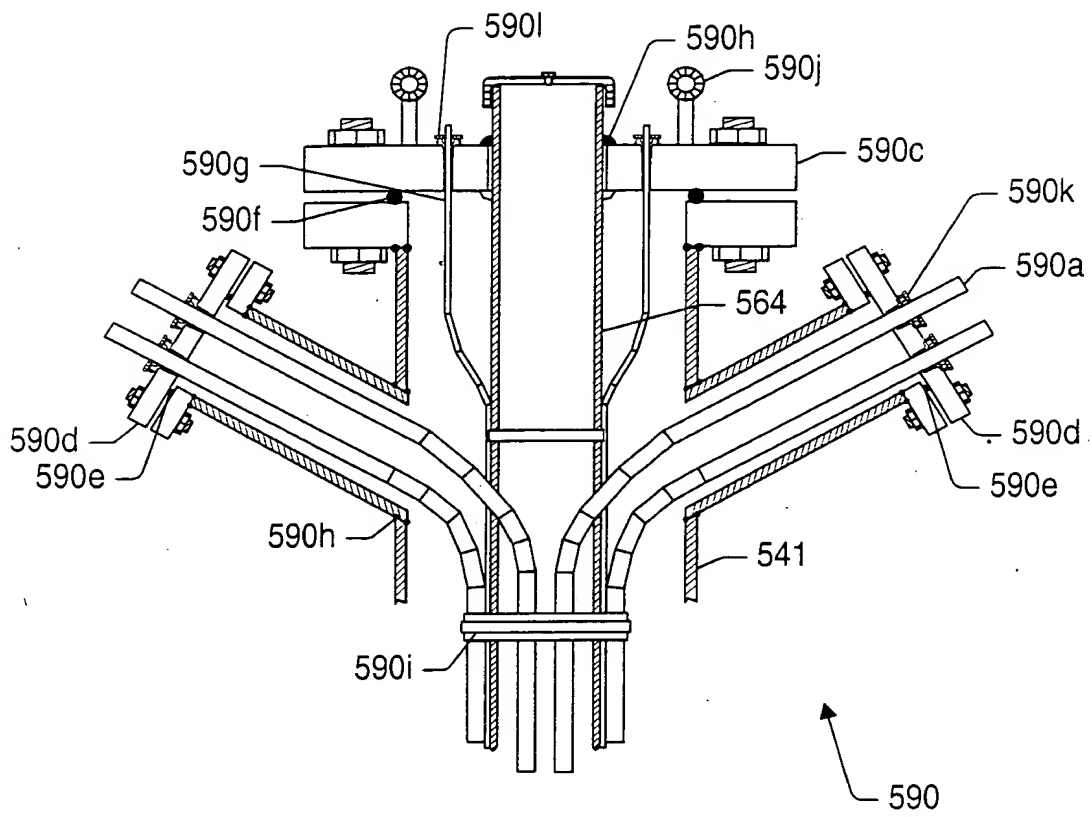


FIG. 18

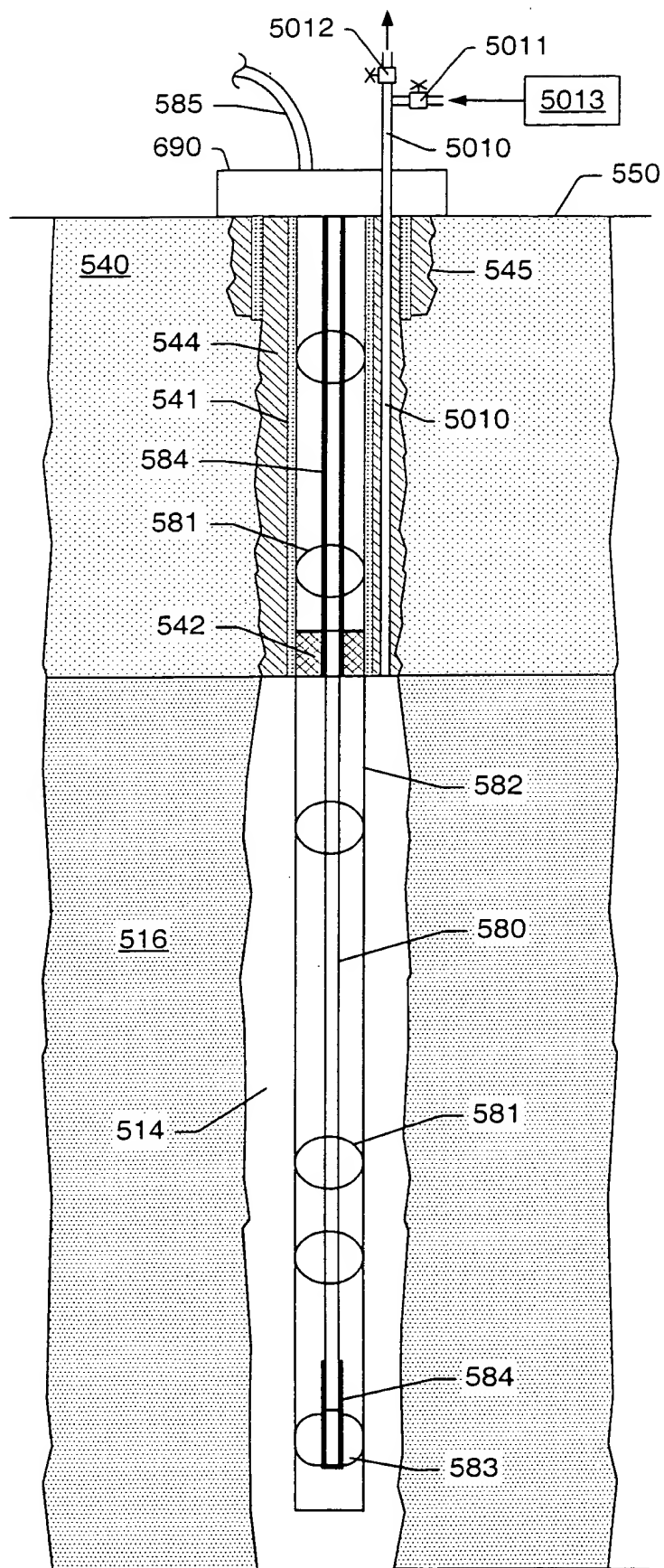


FIG. 19

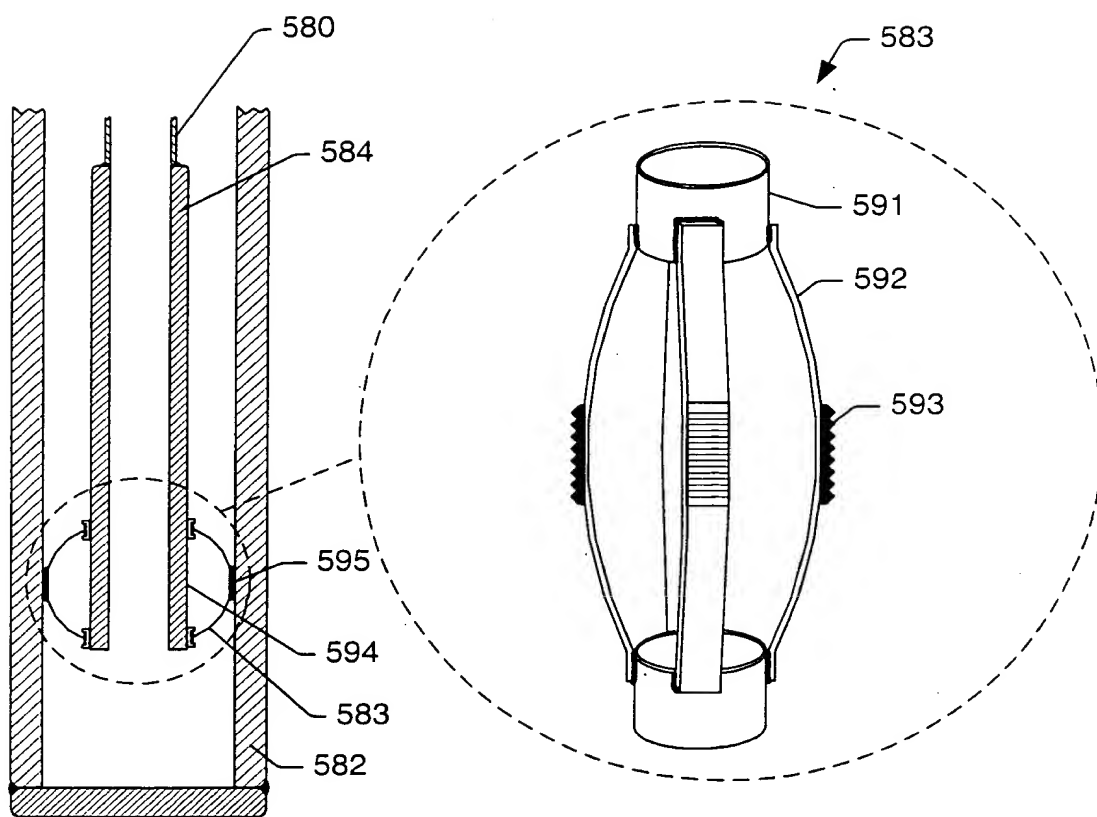


FIG. 20

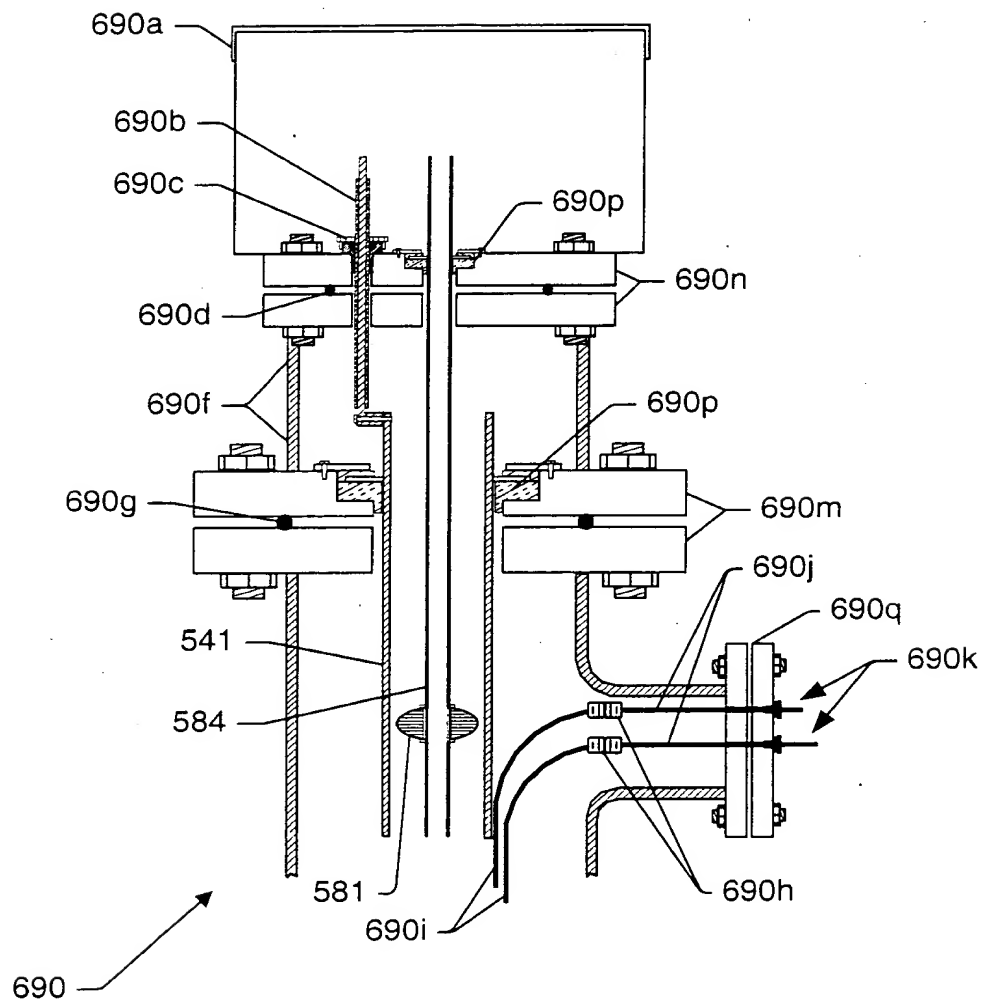


FIG. 21

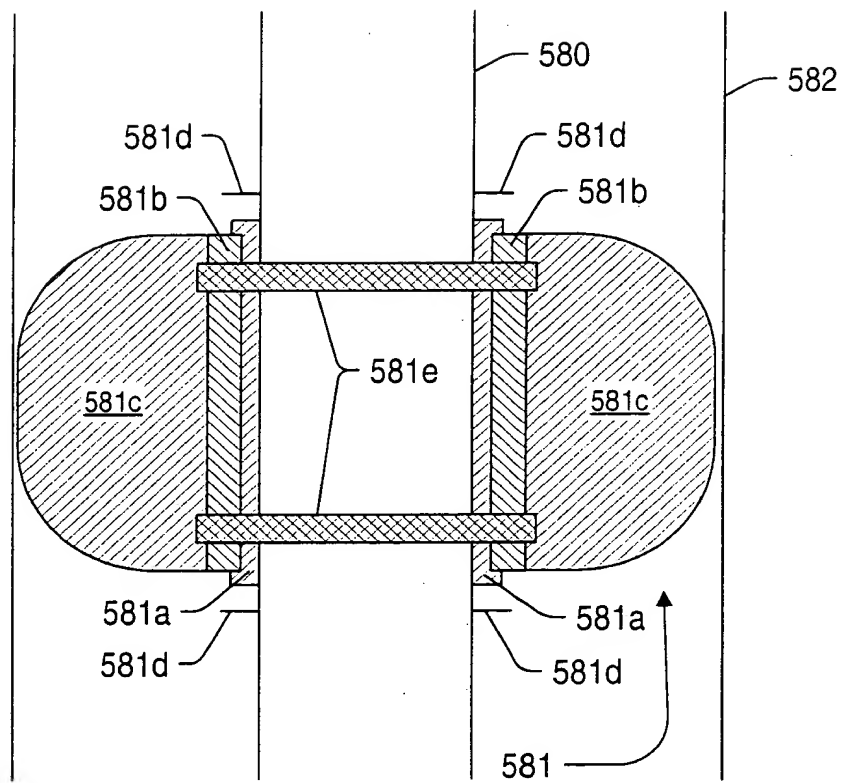


FIG. 22

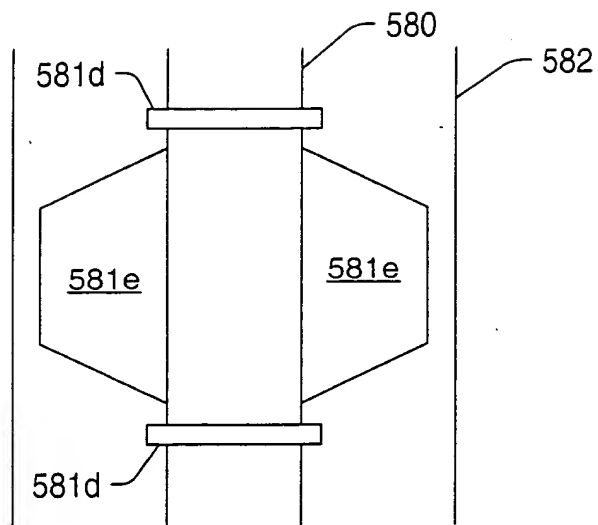


FIG. 23a

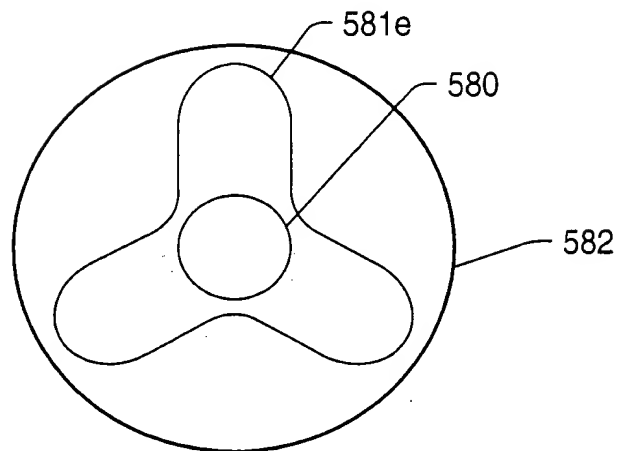


FIG. 23b

FIG. 24

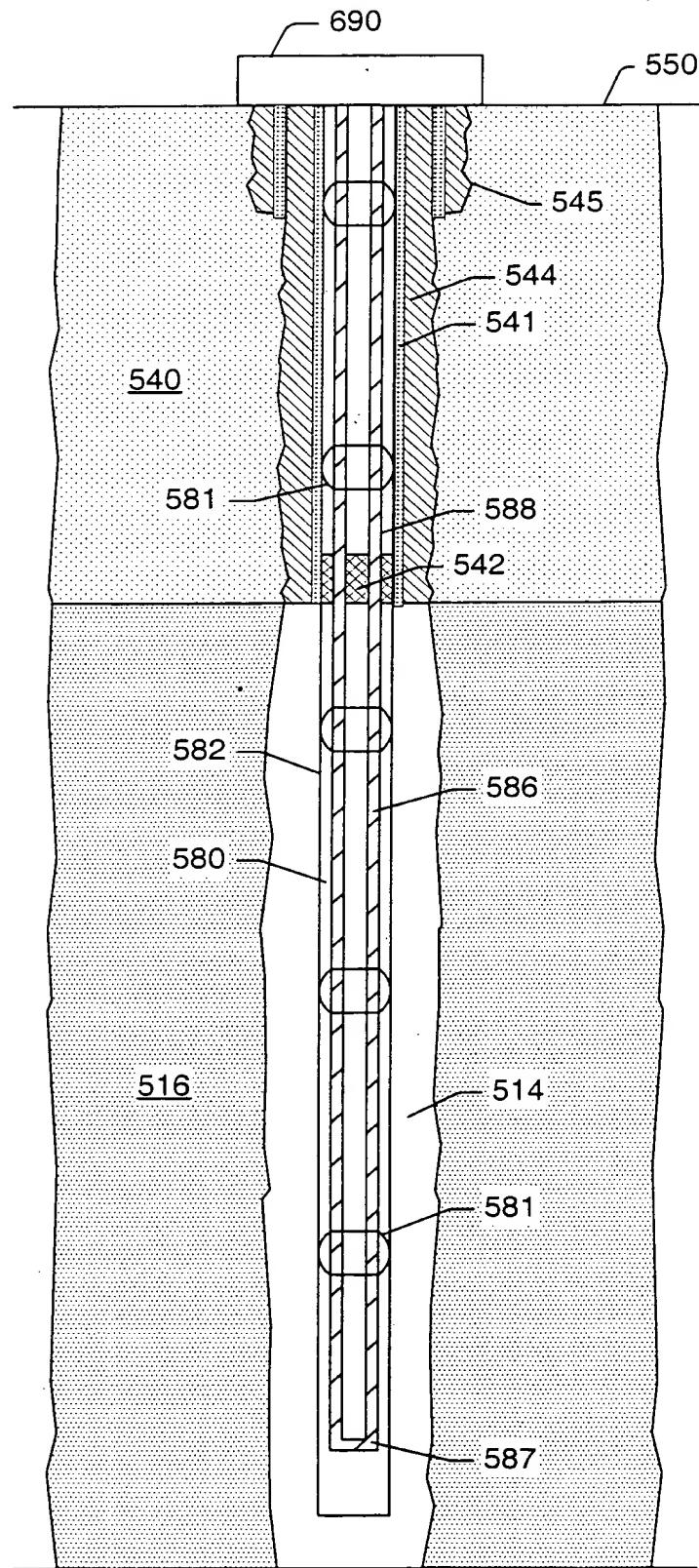


Fig. 24

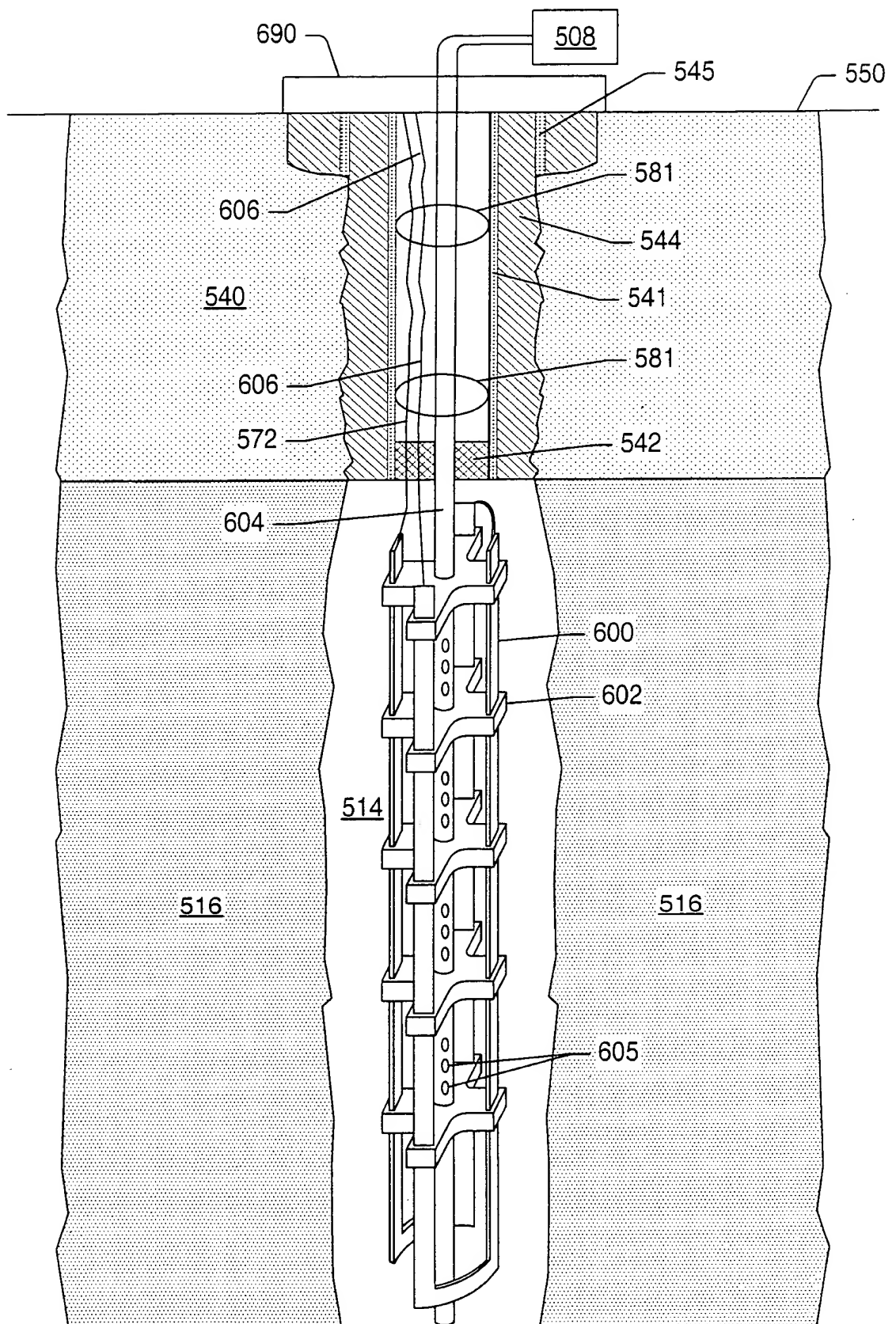


FIG. 25

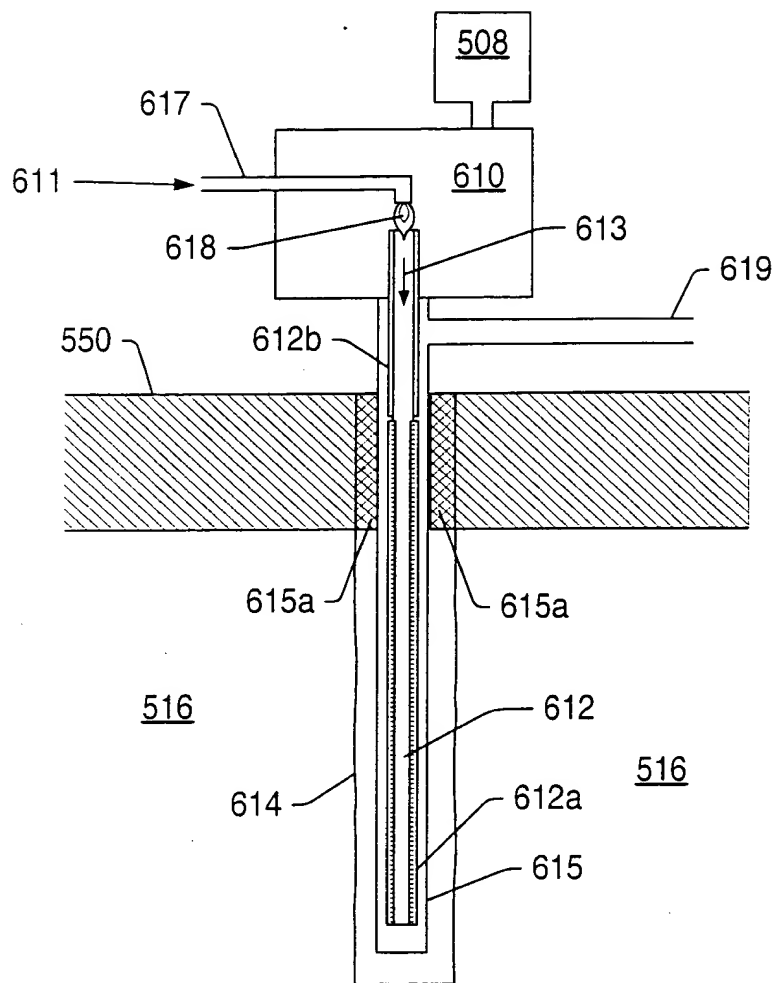


FIG. 26

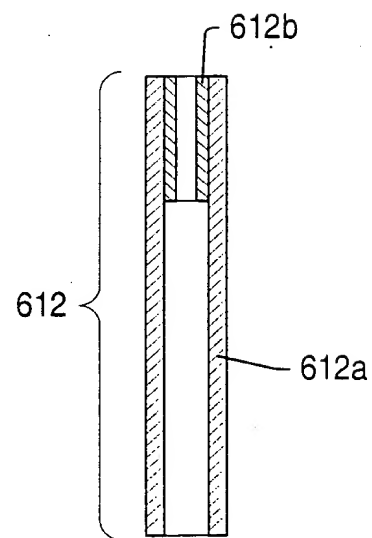


FIG. 27

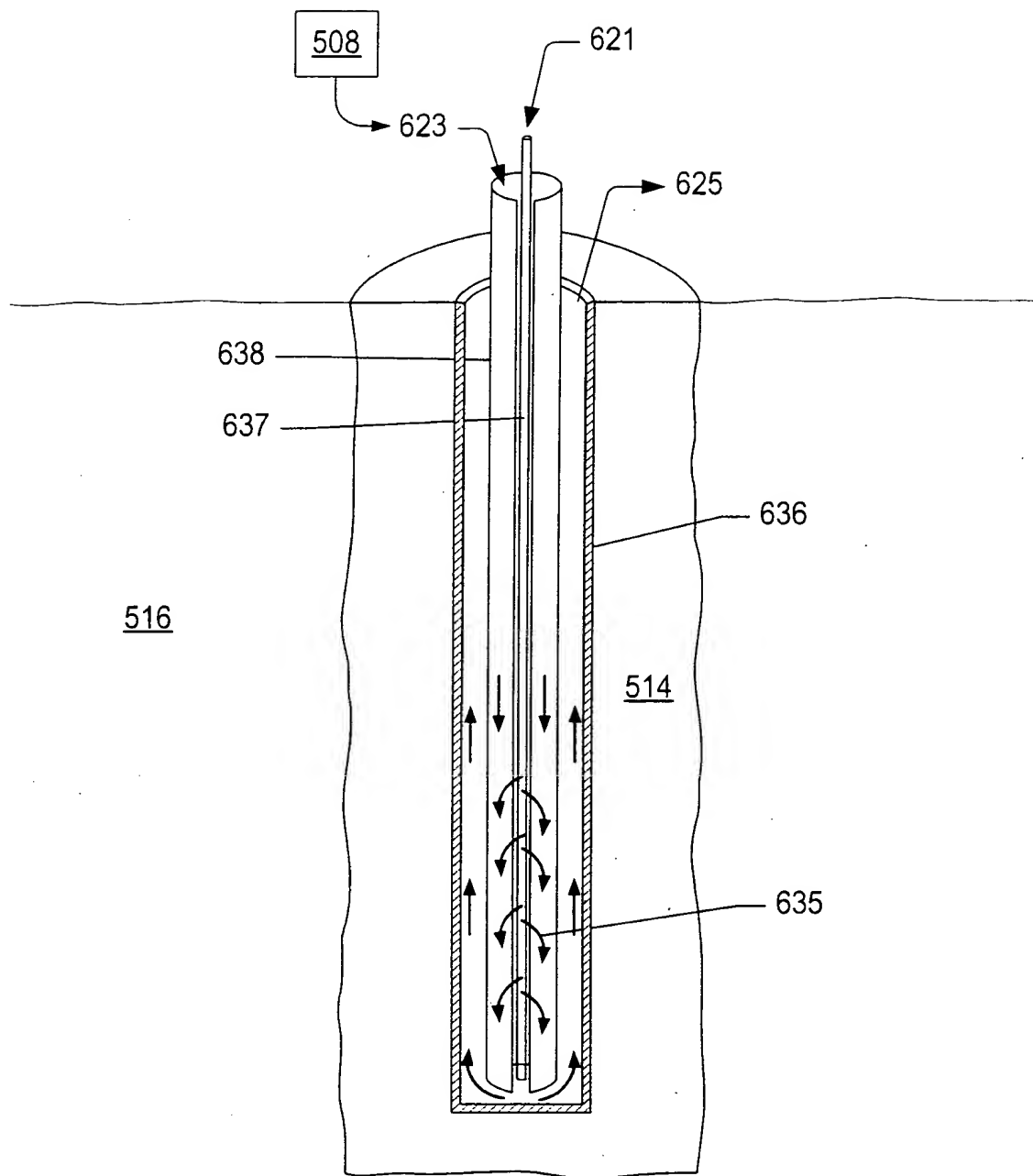


FIG. 28

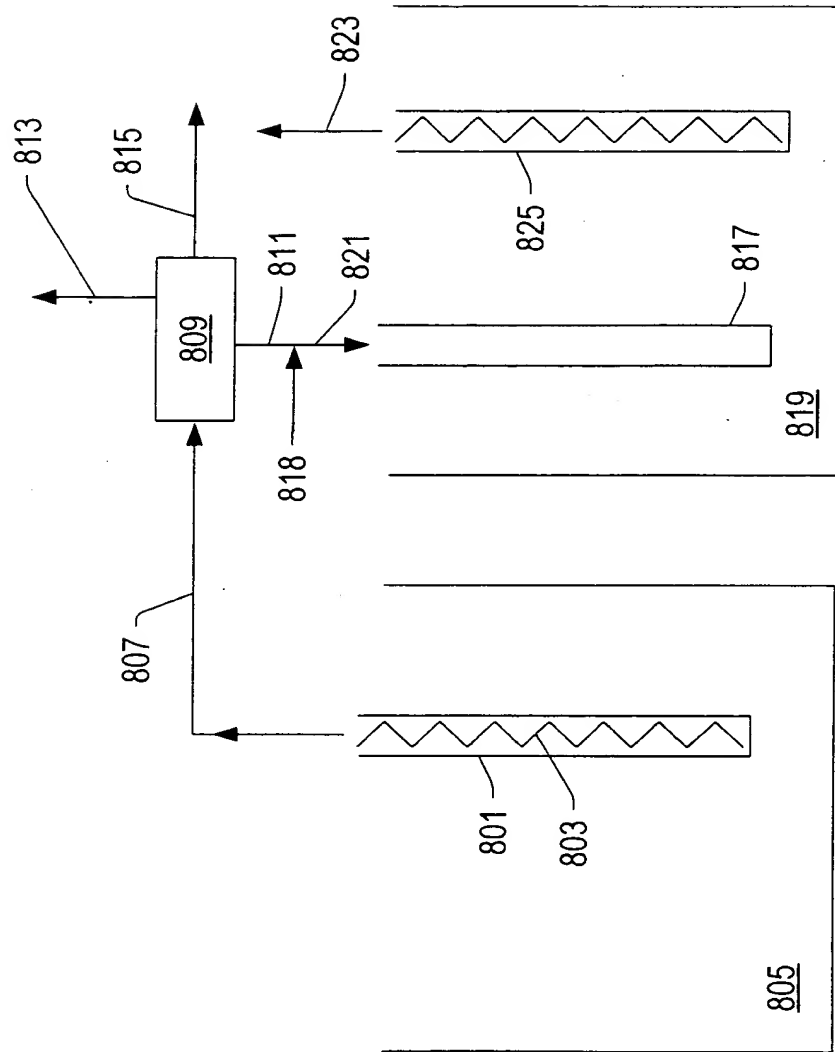


FIG. 29

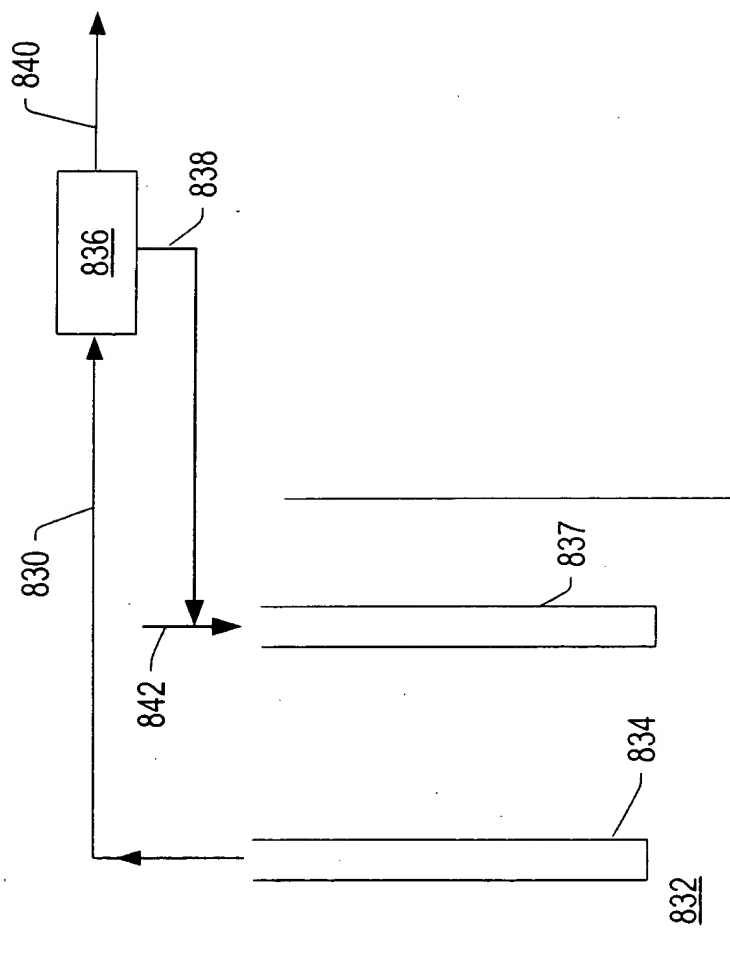


FIG. 30

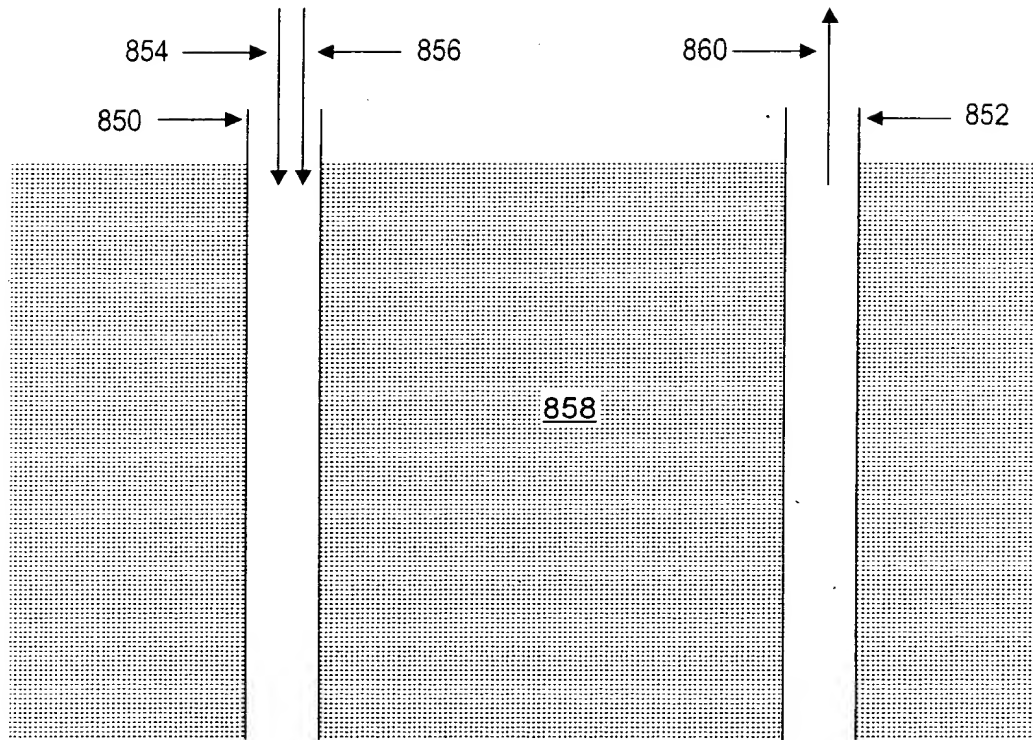


FIG. 31

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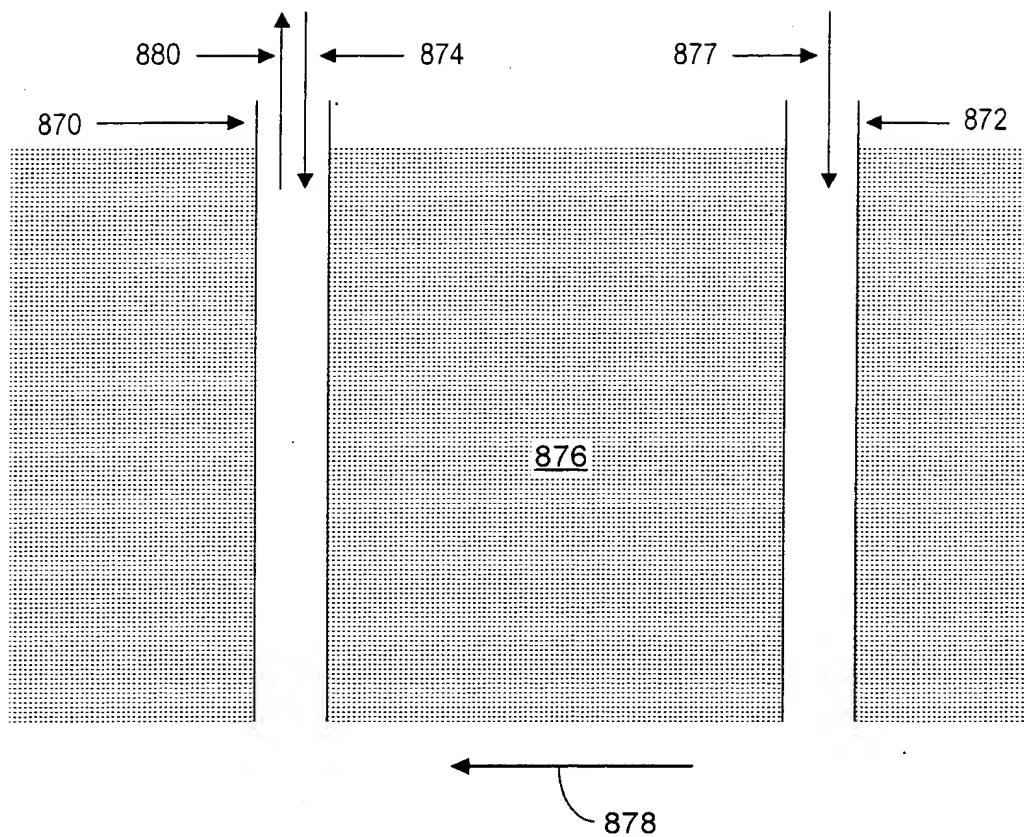


FIG. 32

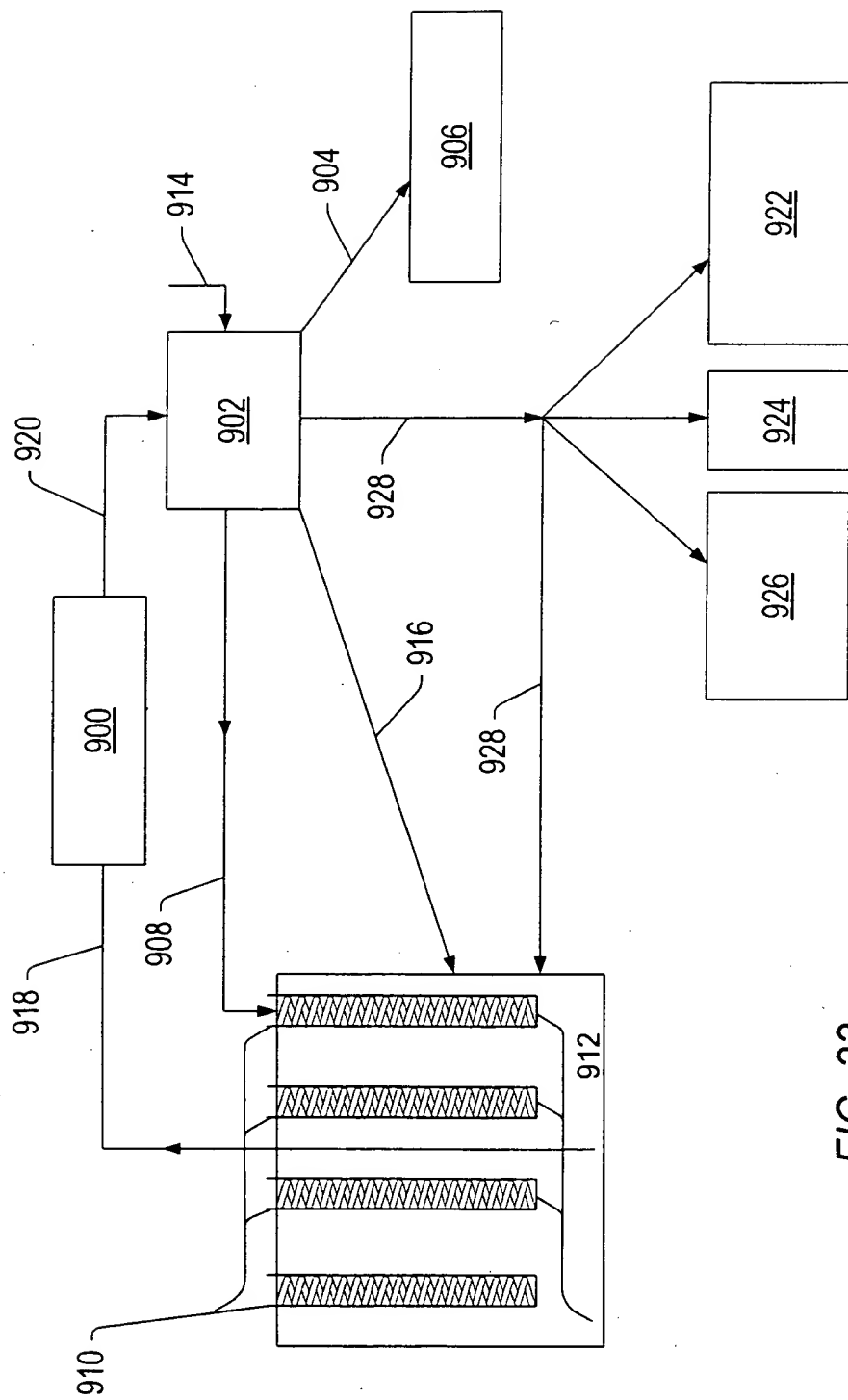


FIG. 33

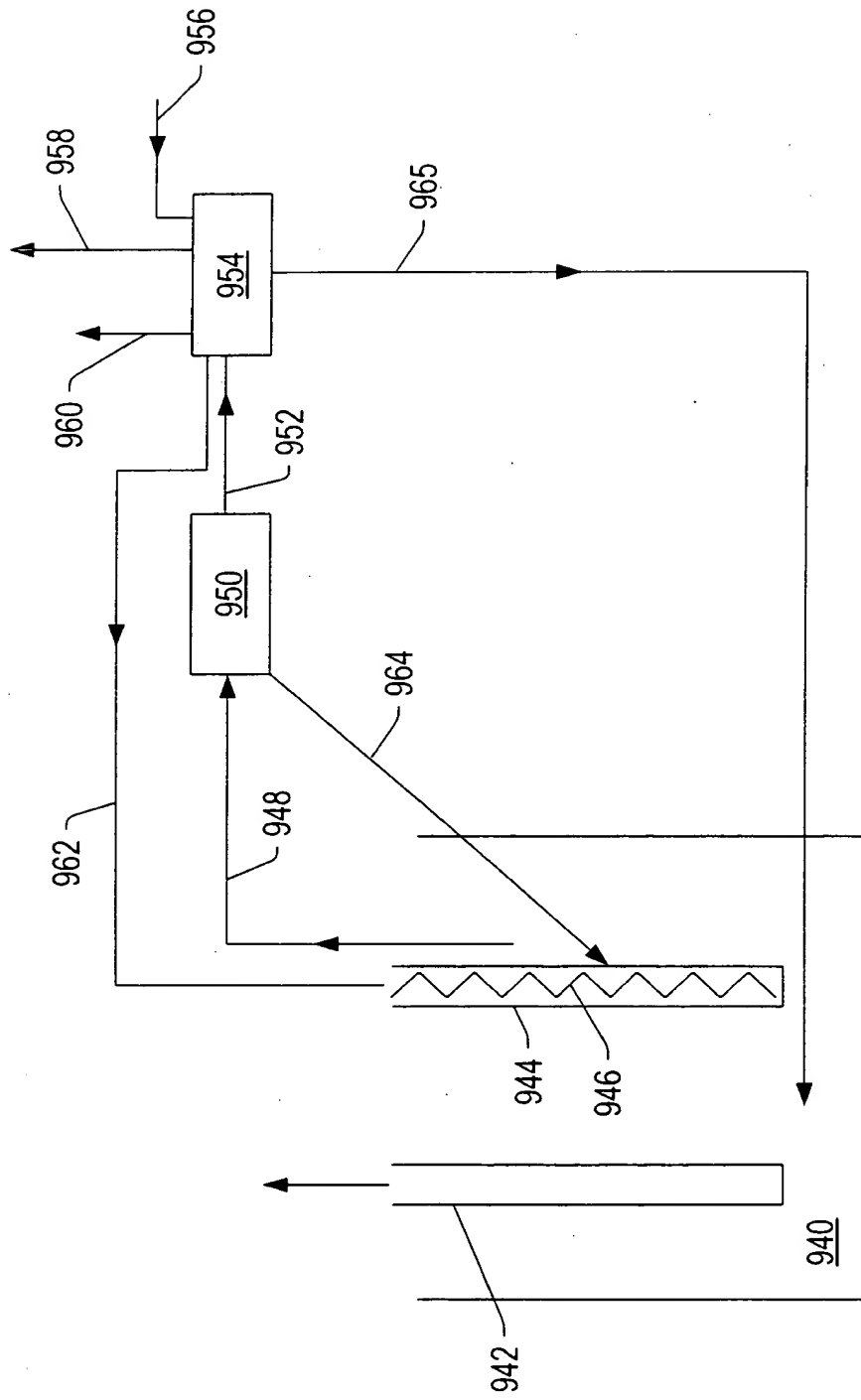


FIG. 34

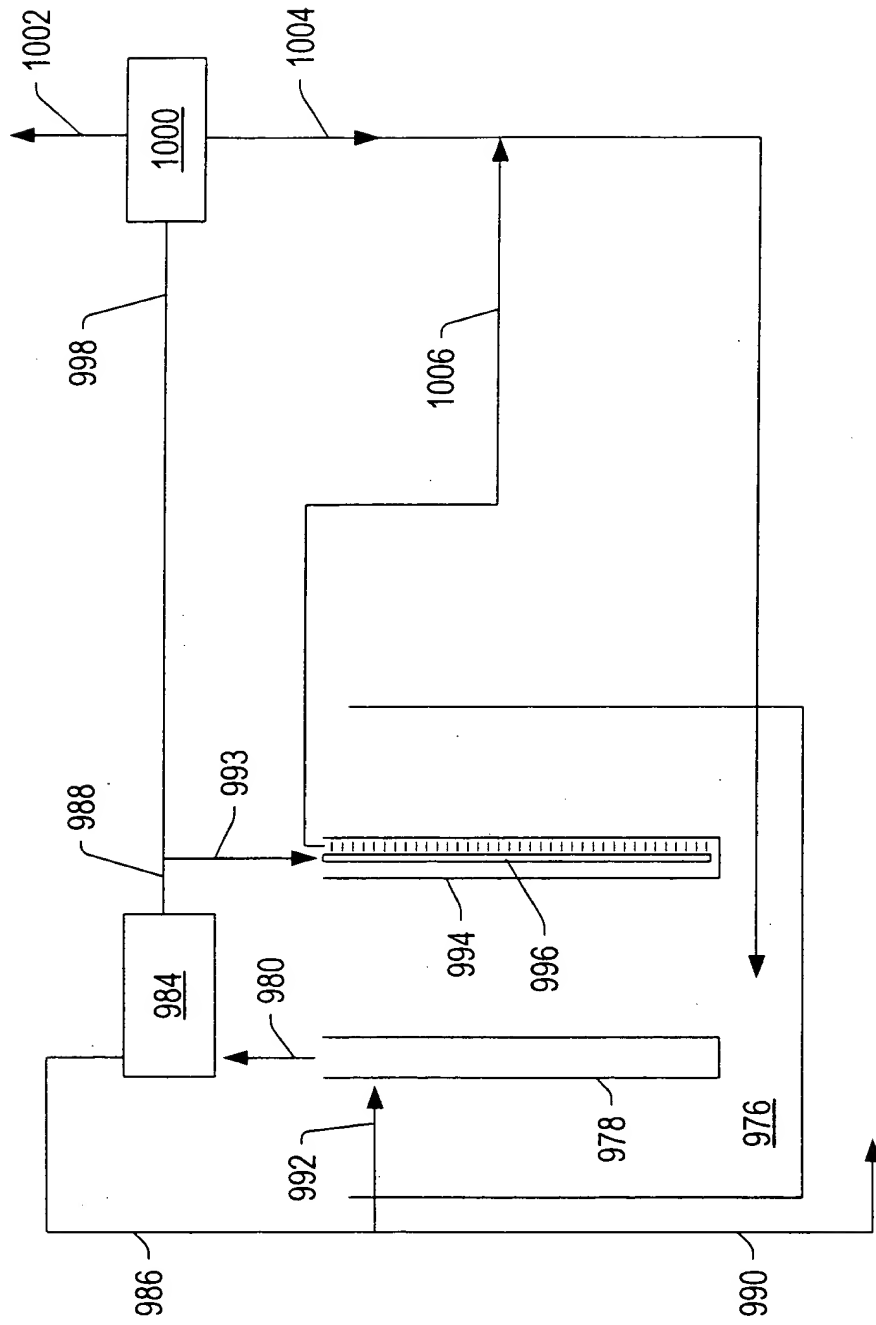


FIG. 35

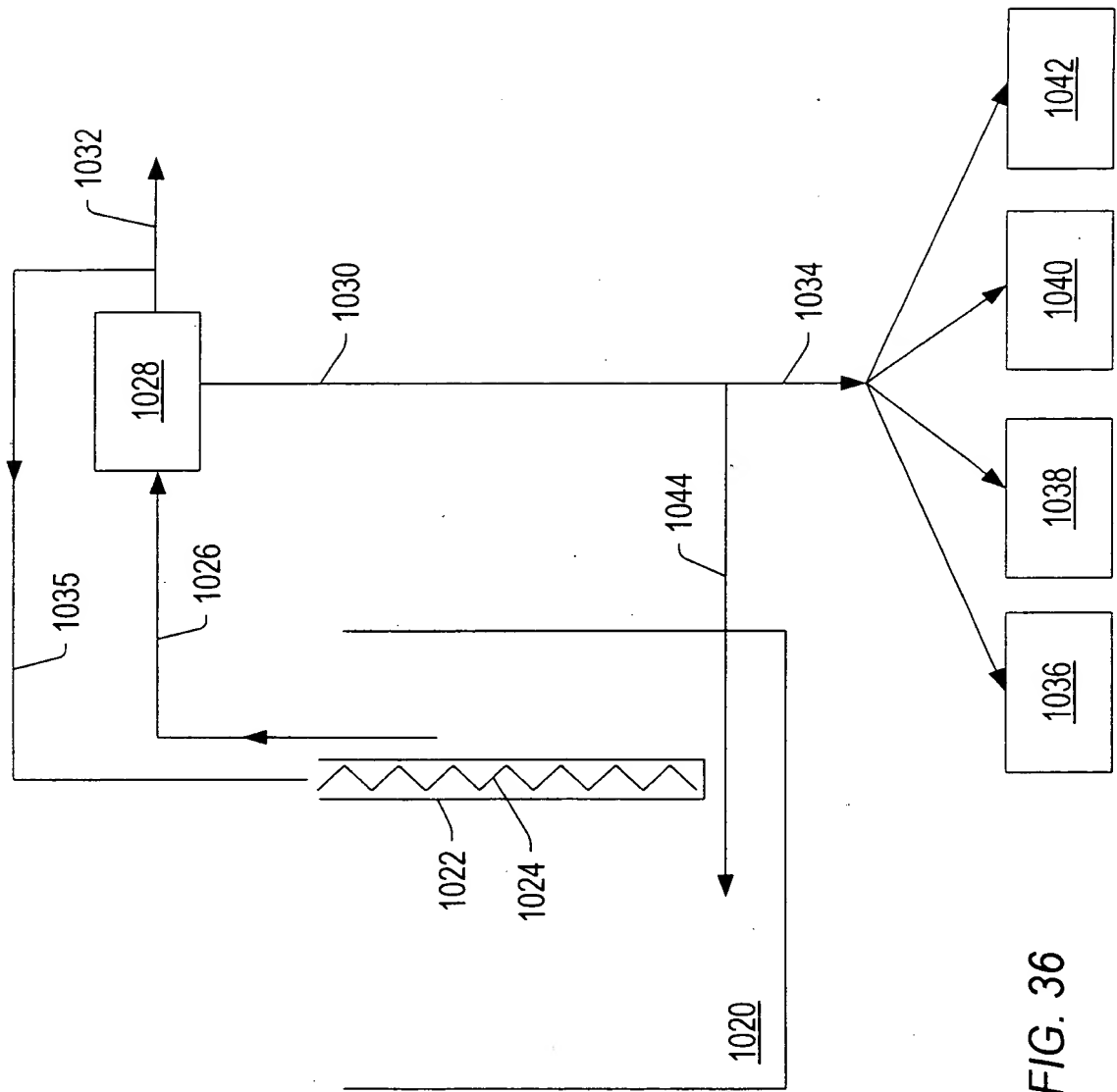


FIG. 36

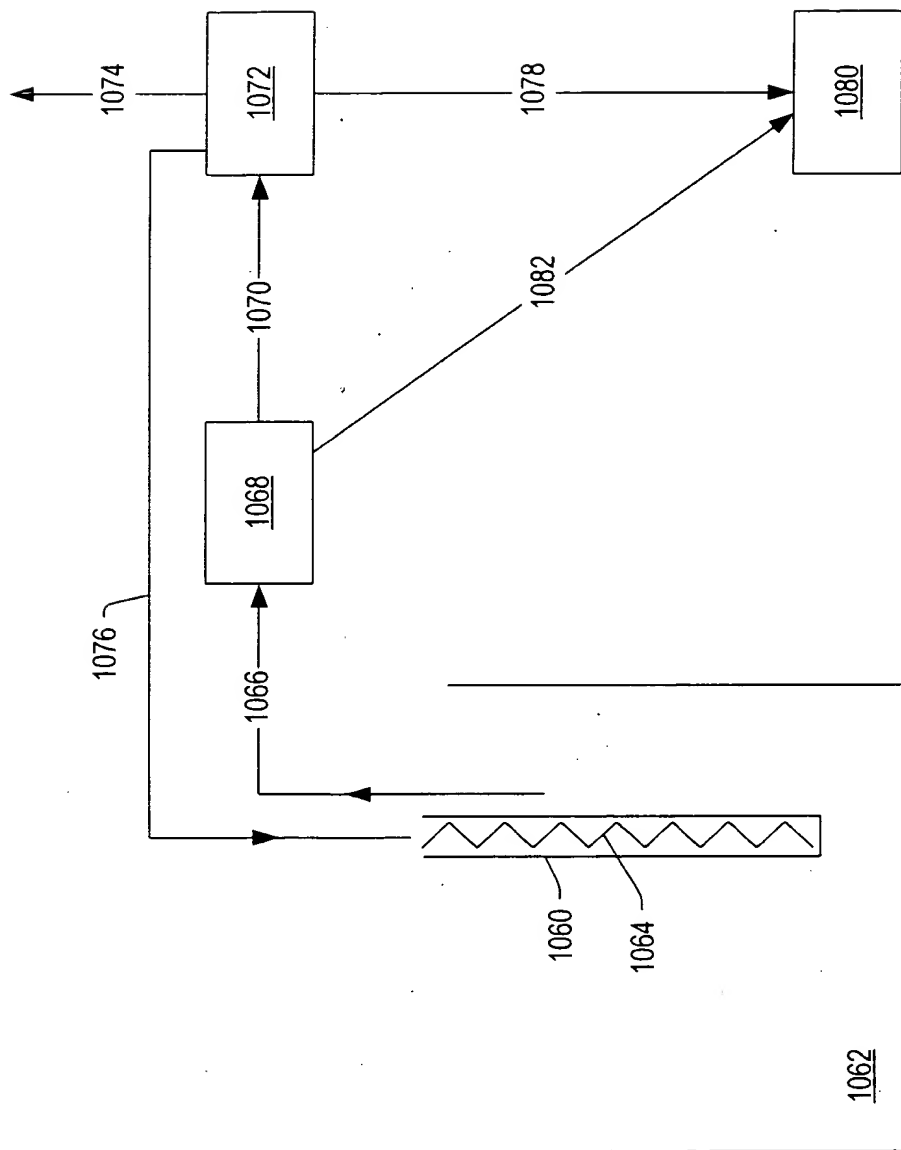


FIG. 37

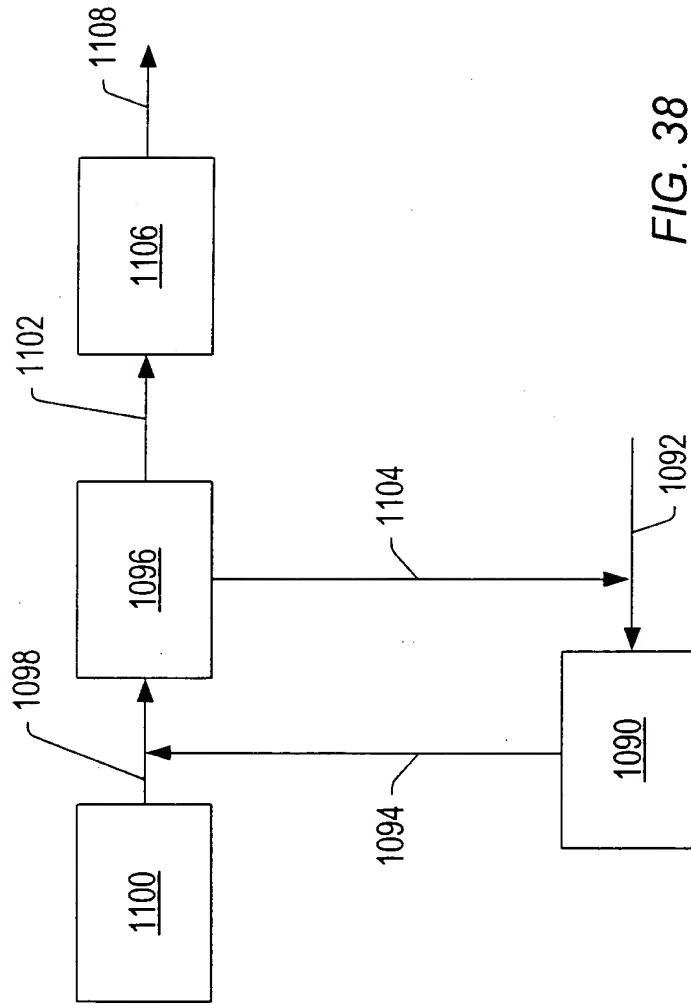


FIG. 38

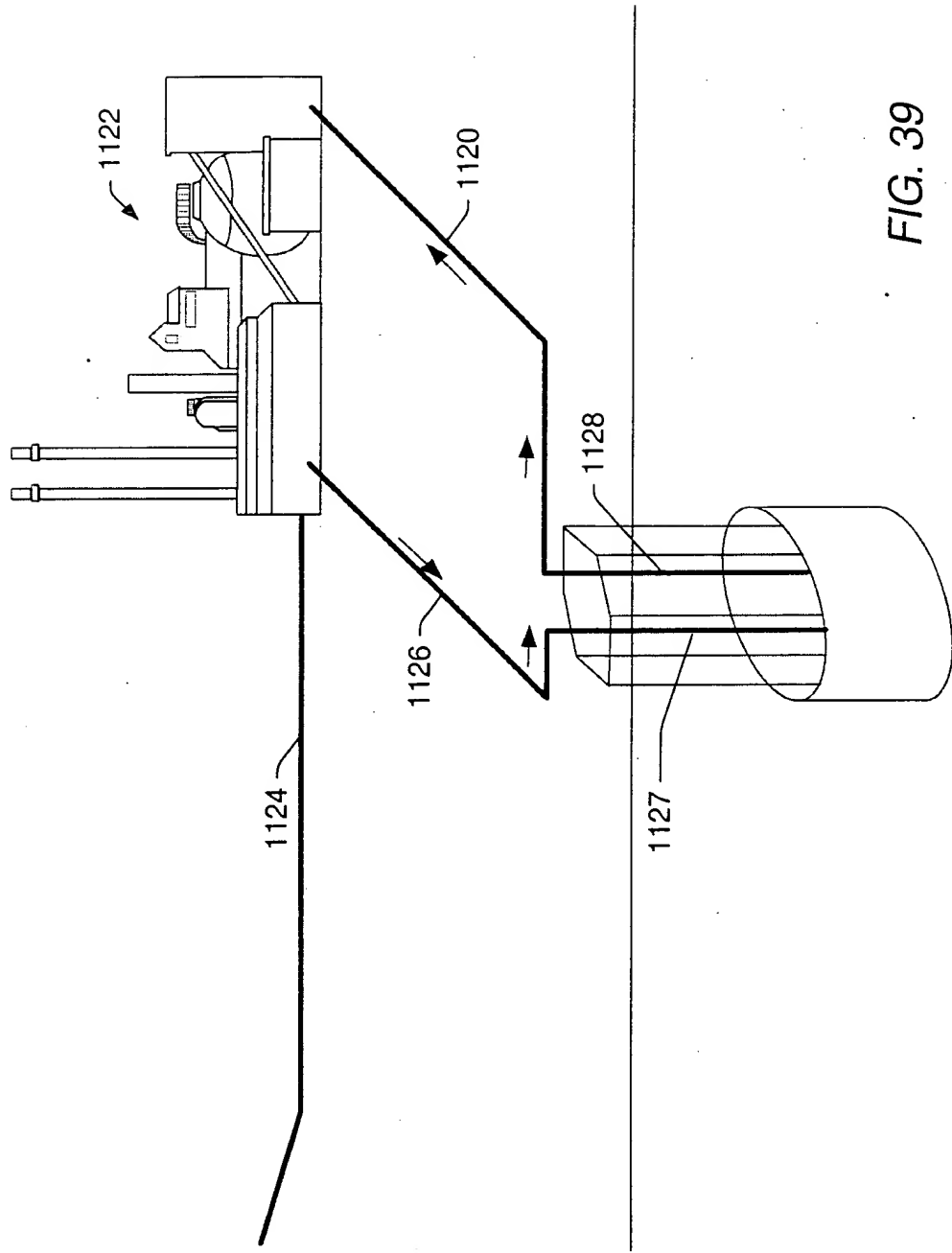
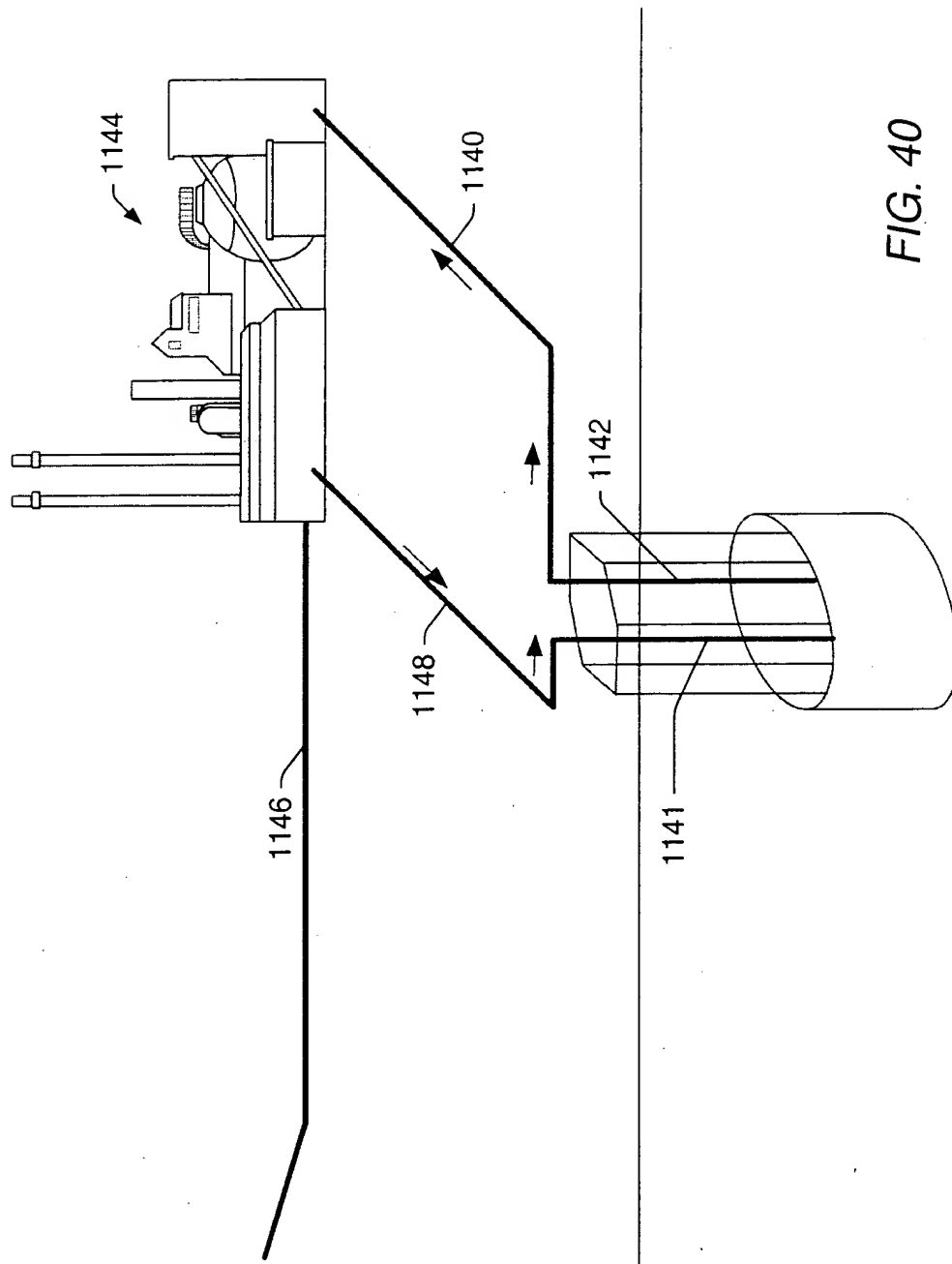


FIG. 39



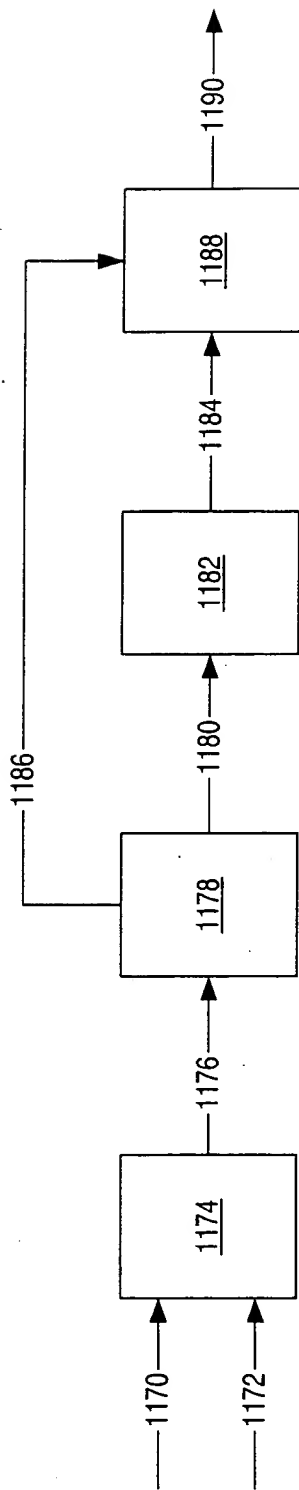


FIG. 41

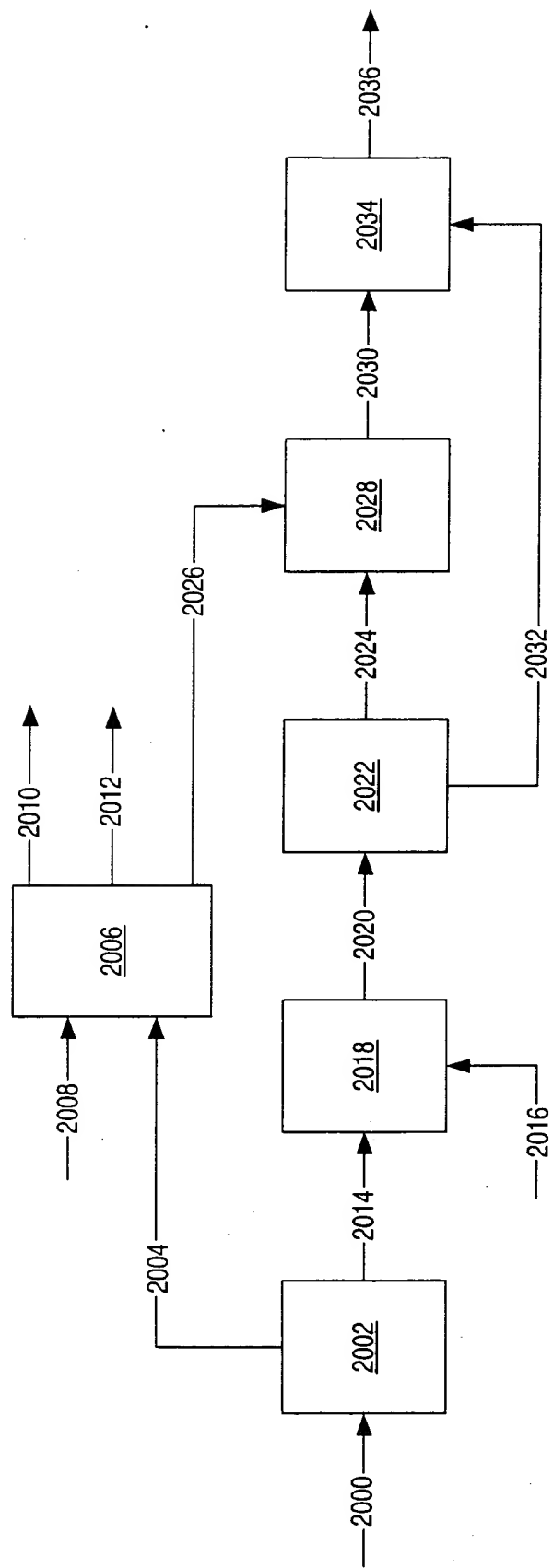


FIG. 42

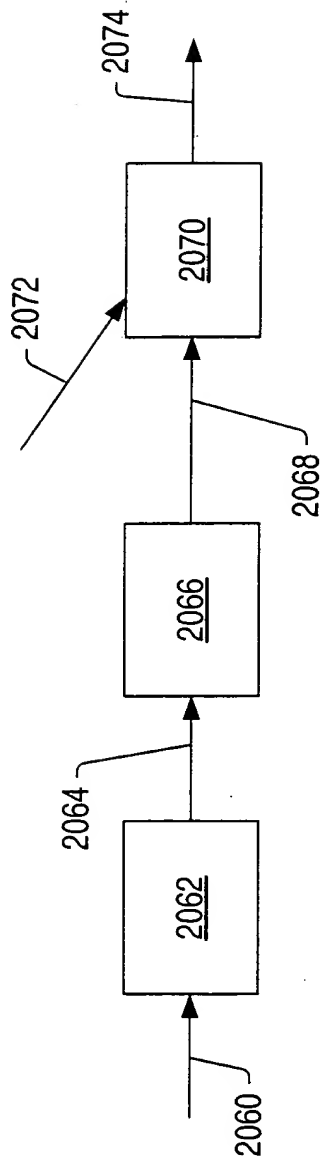


FIG. 43

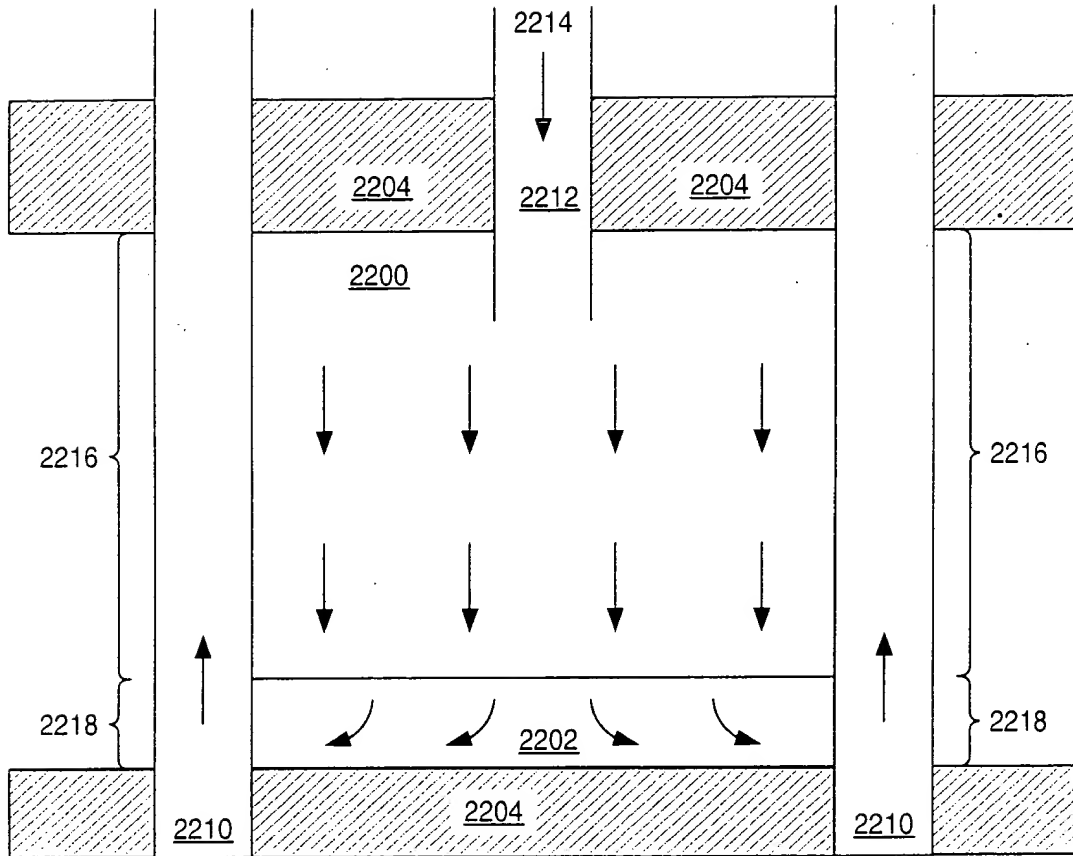


FIG. 44

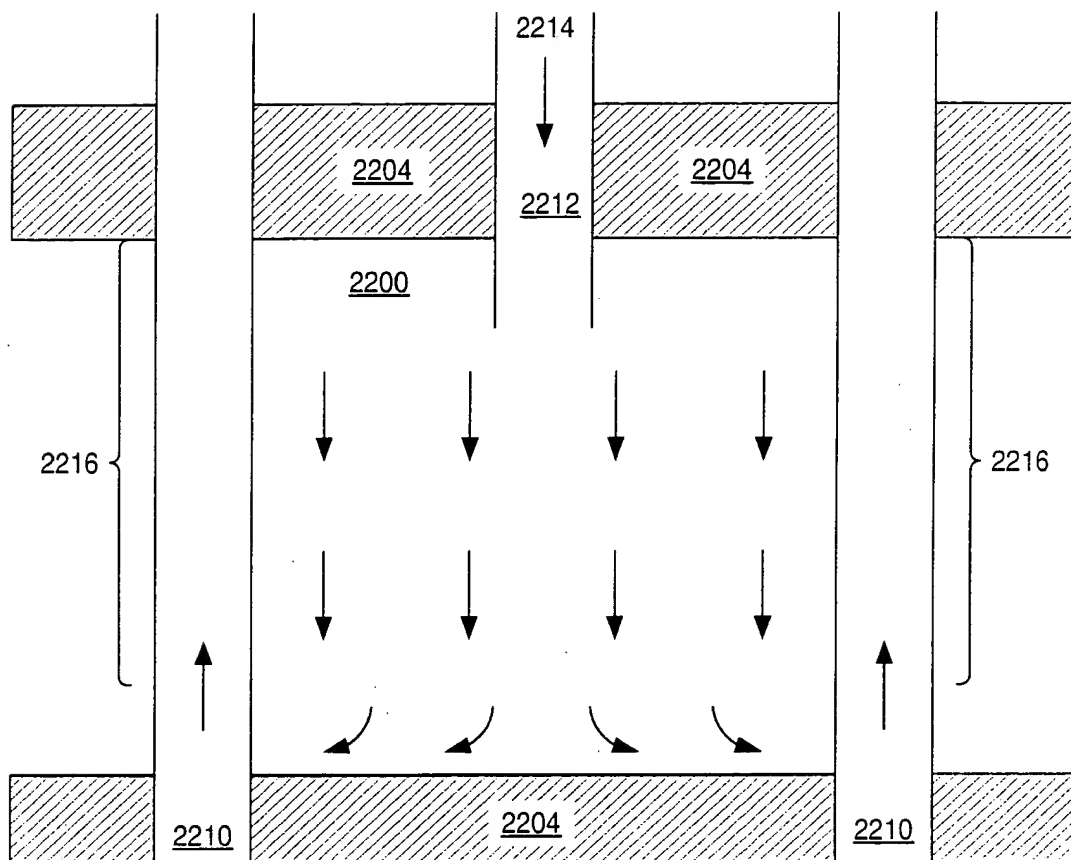


FIG. 45

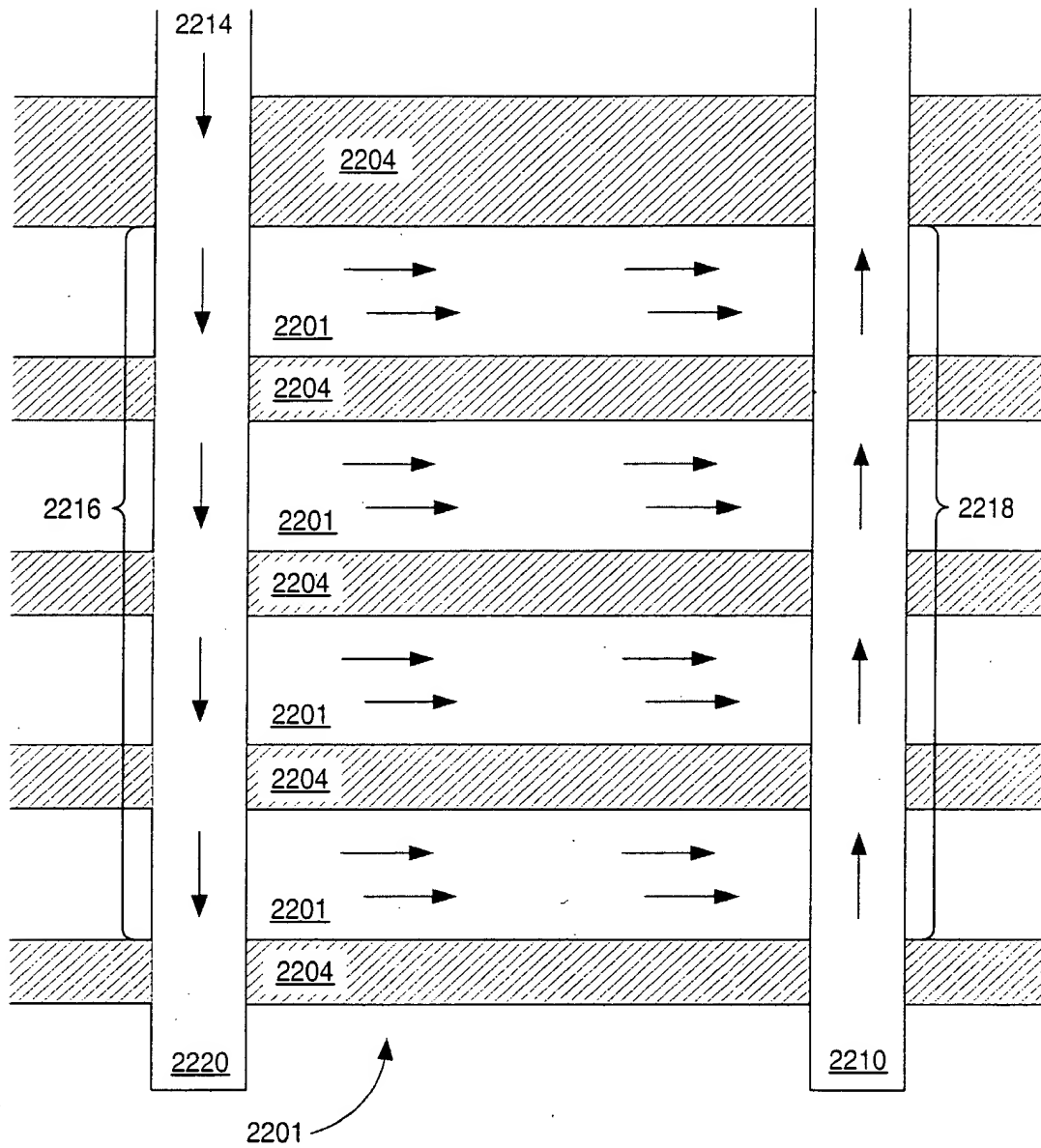


FIG. 46

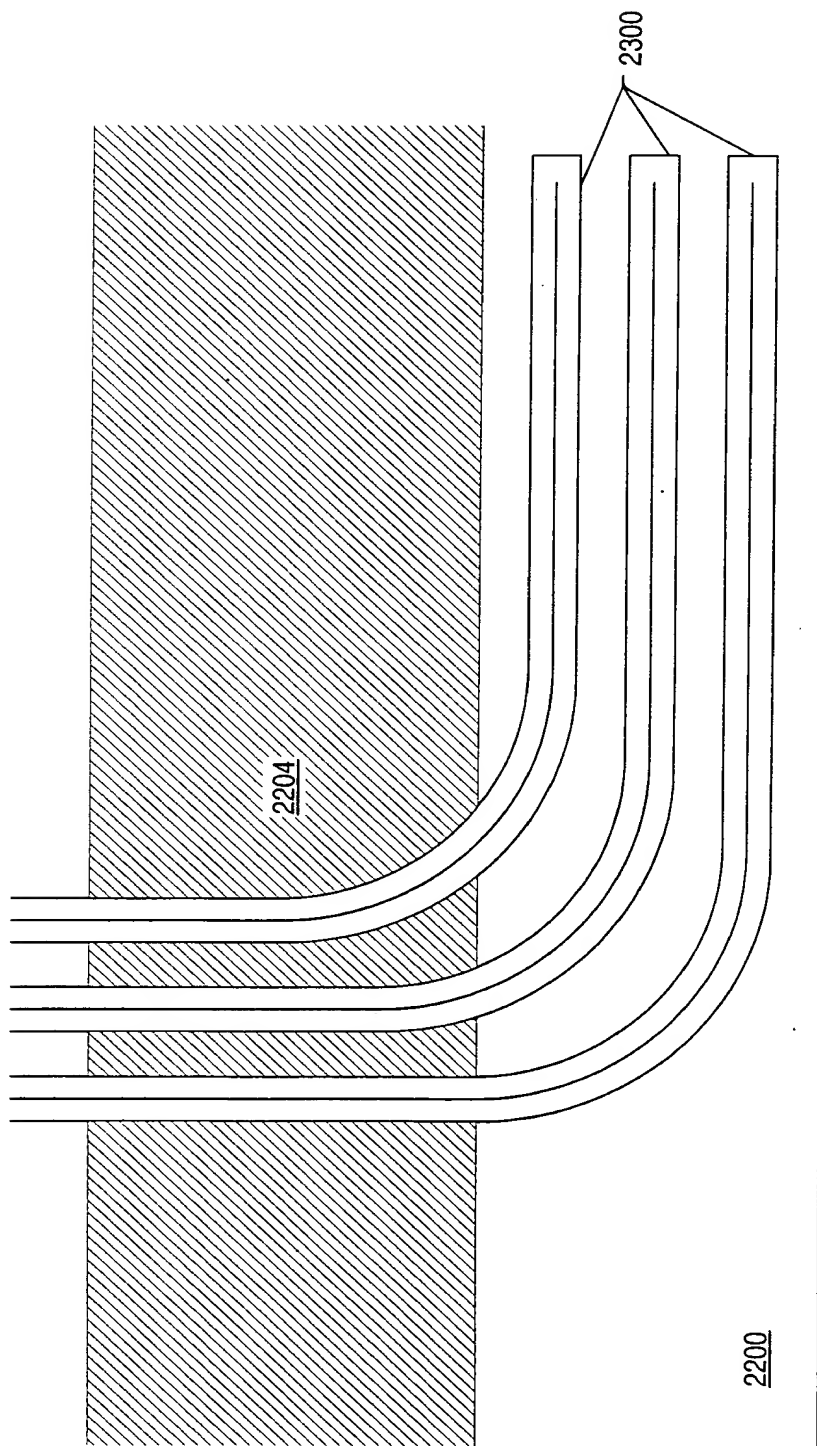


FIG. 47

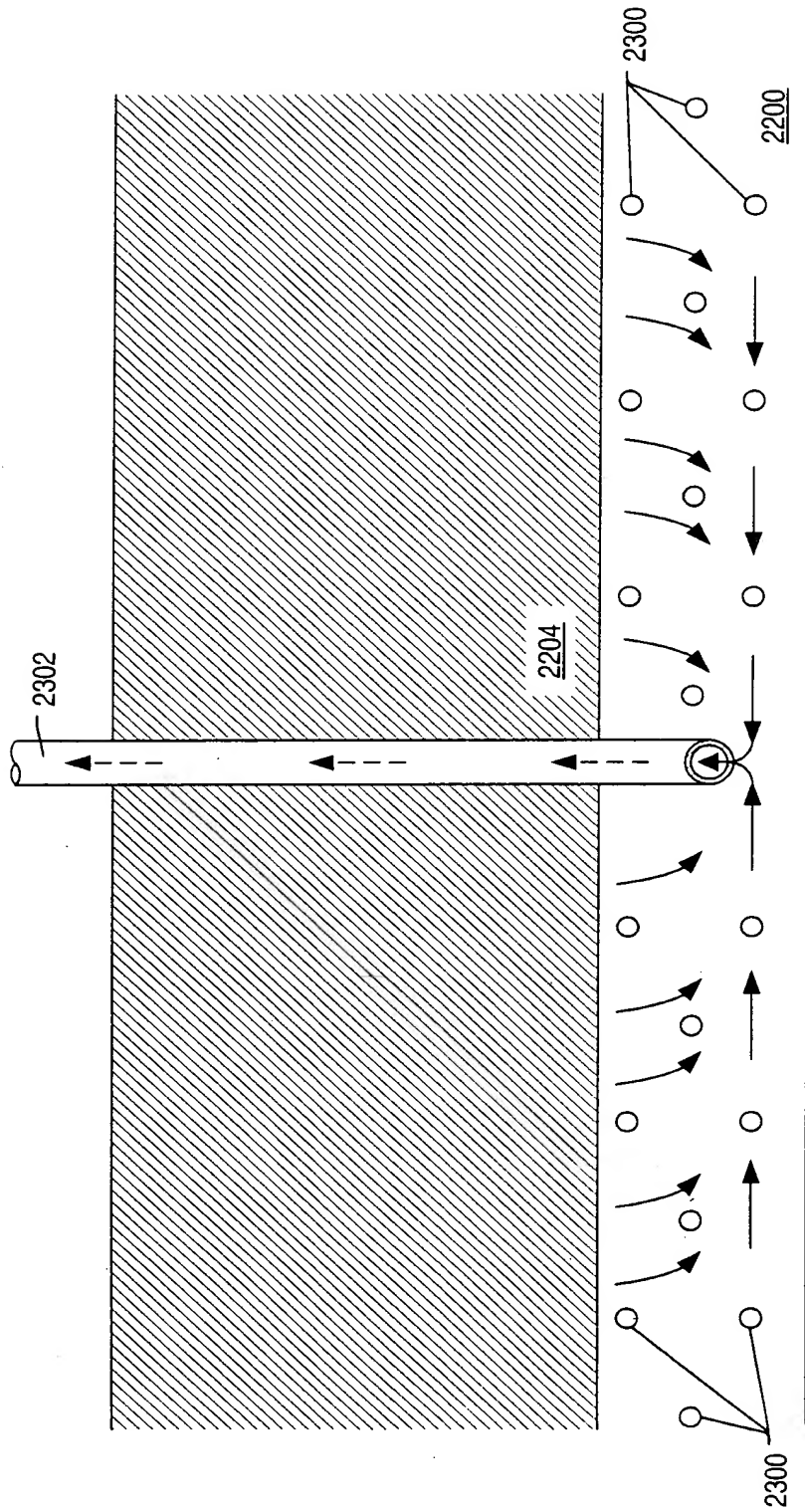


FIG. 48

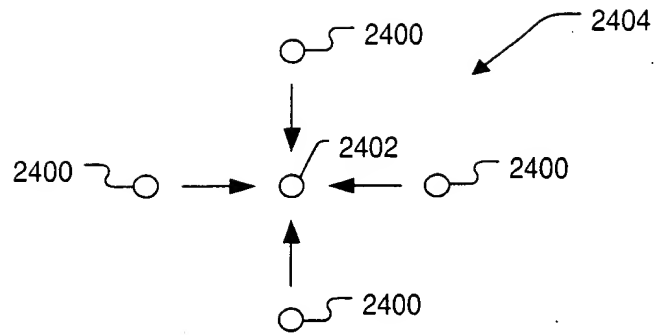


FIG. 49

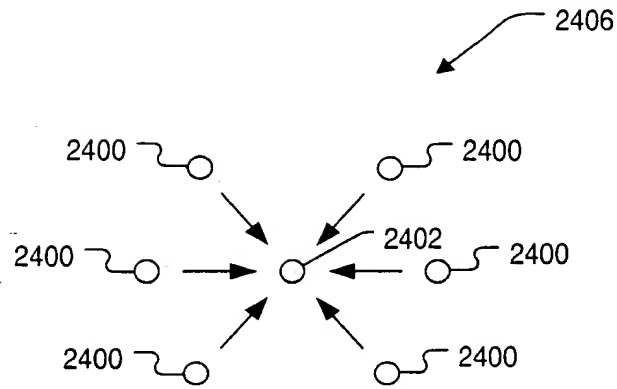


FIG. 50

FIG. 51

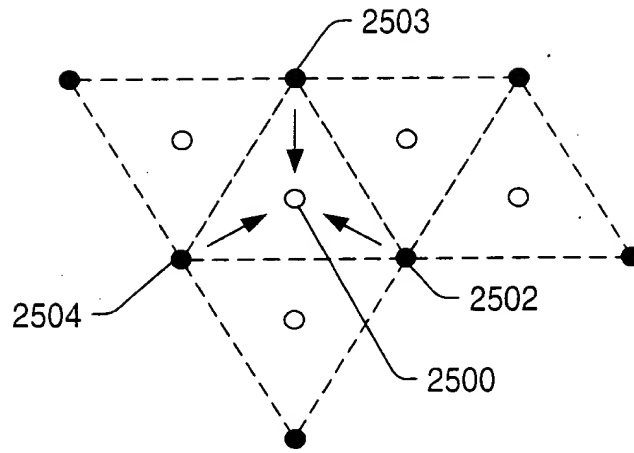


FIG. 51

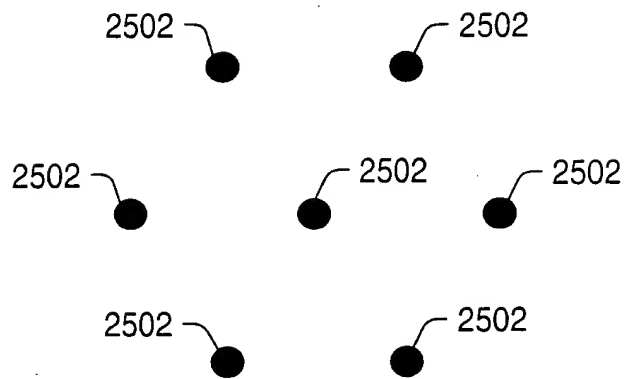


FIG. 52

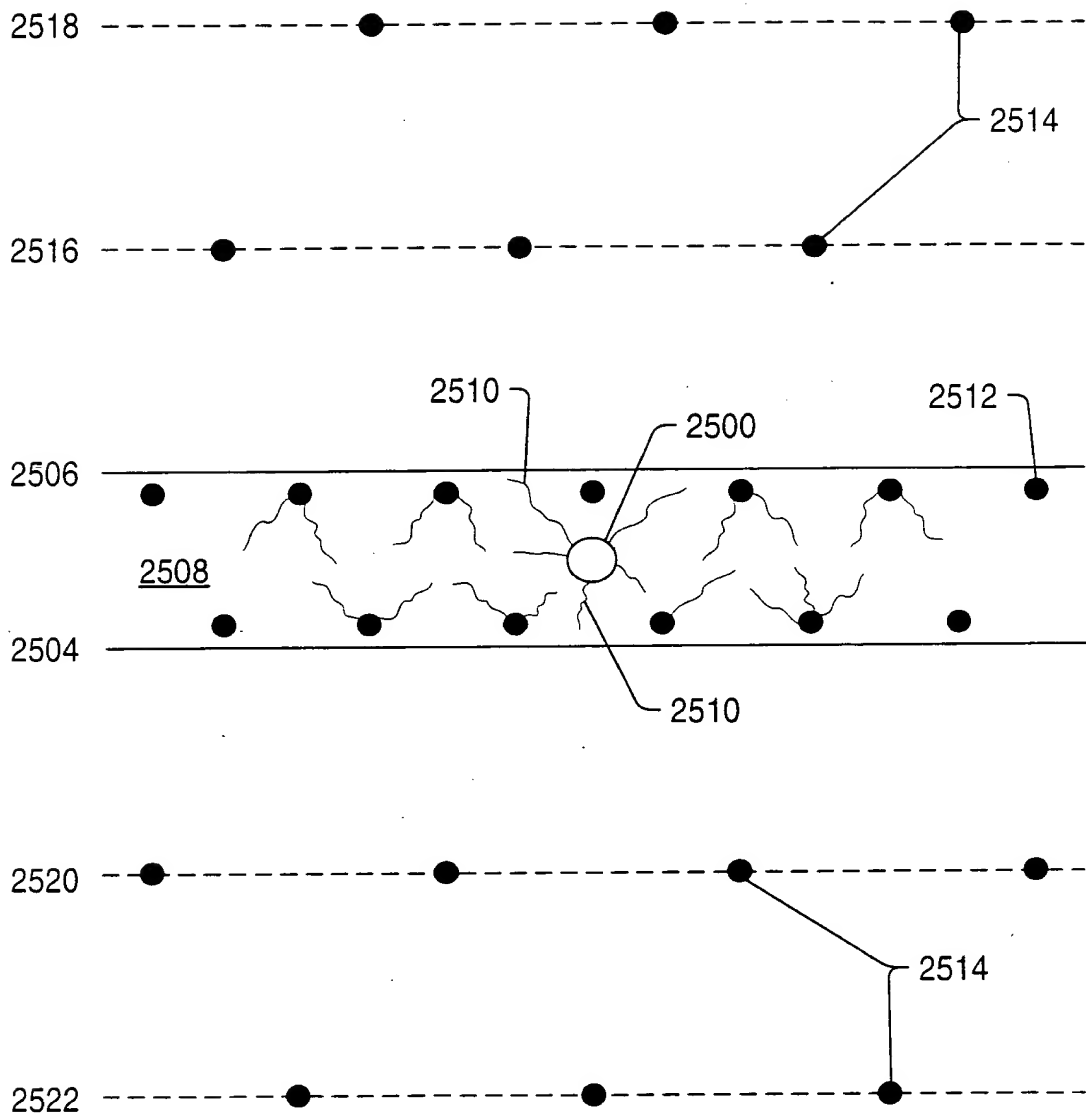


FIG. 53

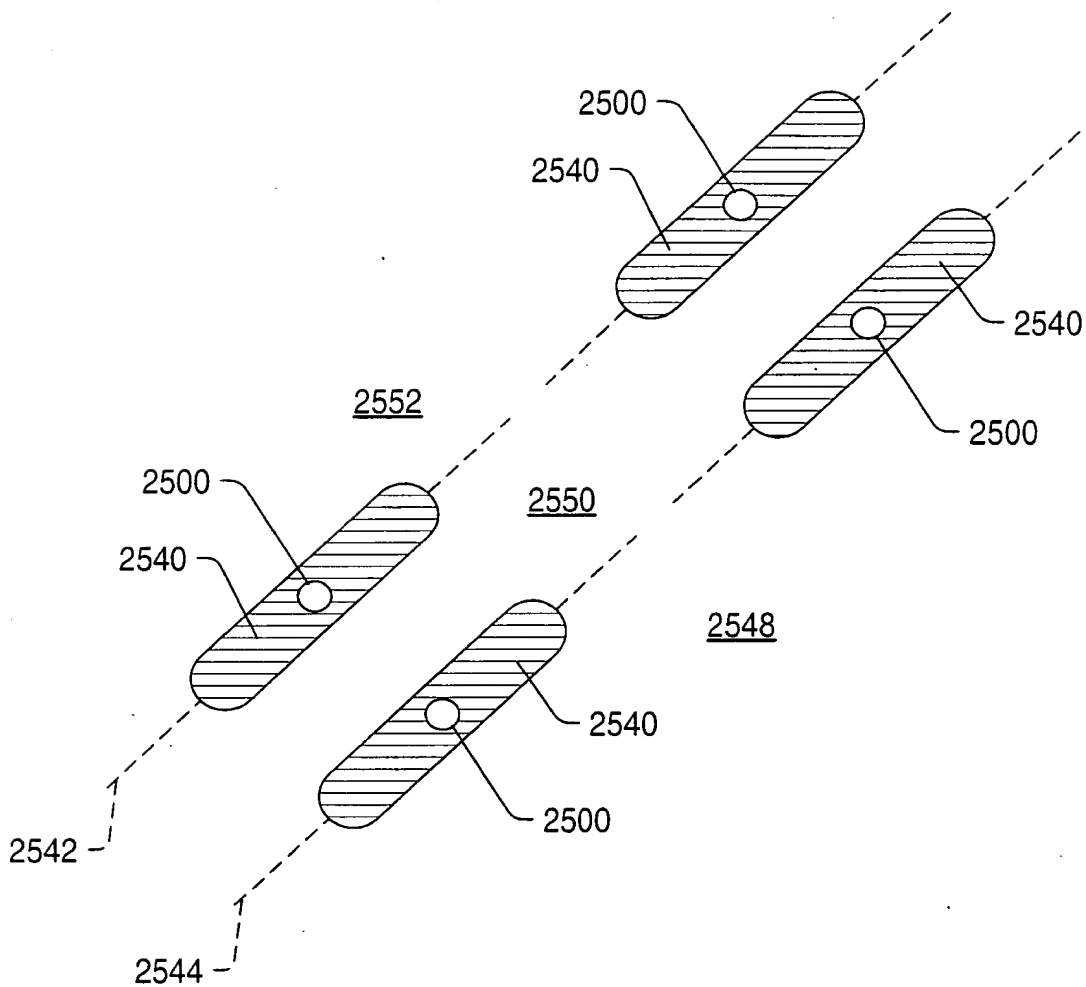


FIG. 54

FIG. 55

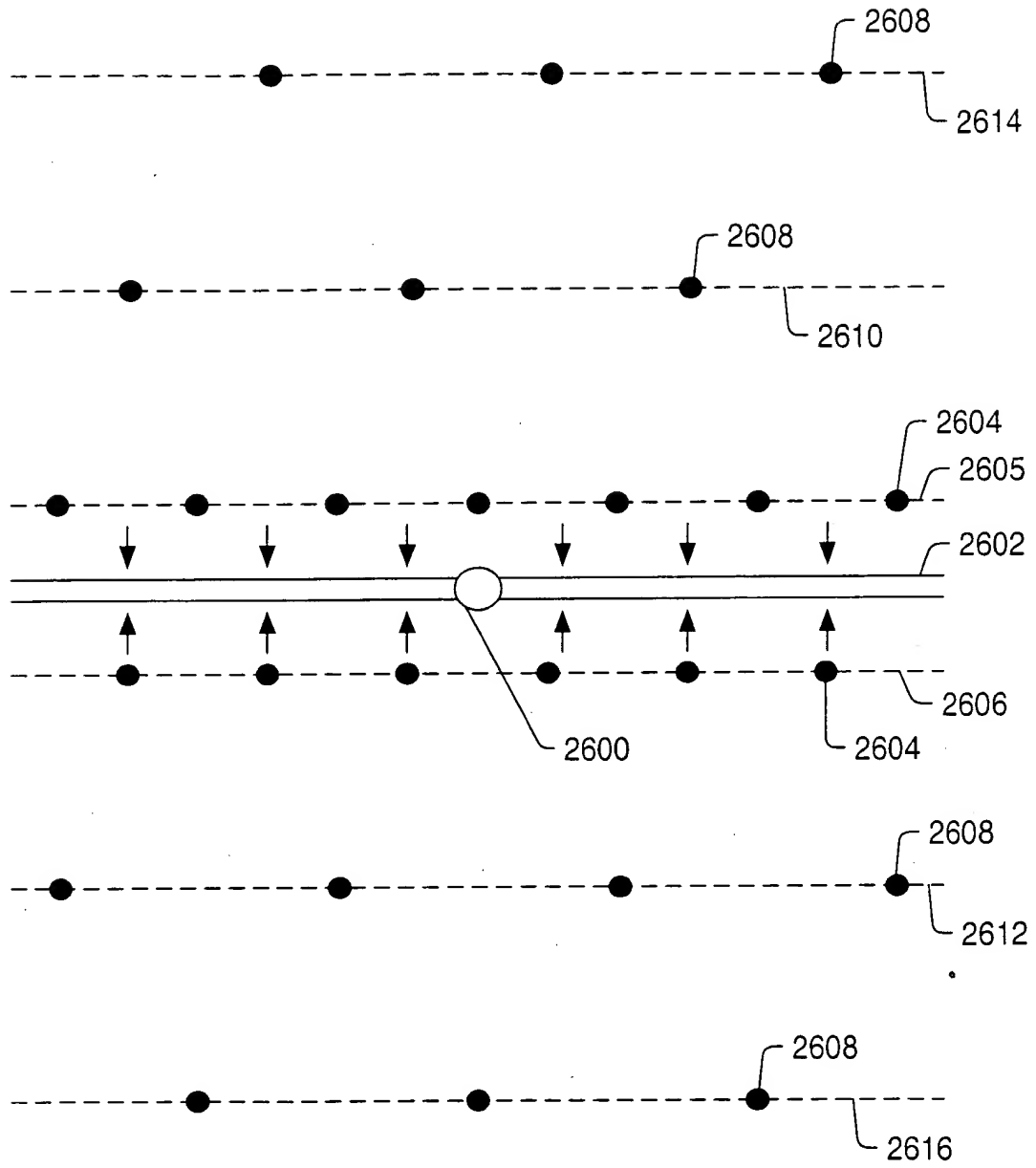


FIG. 55

FIG. 56

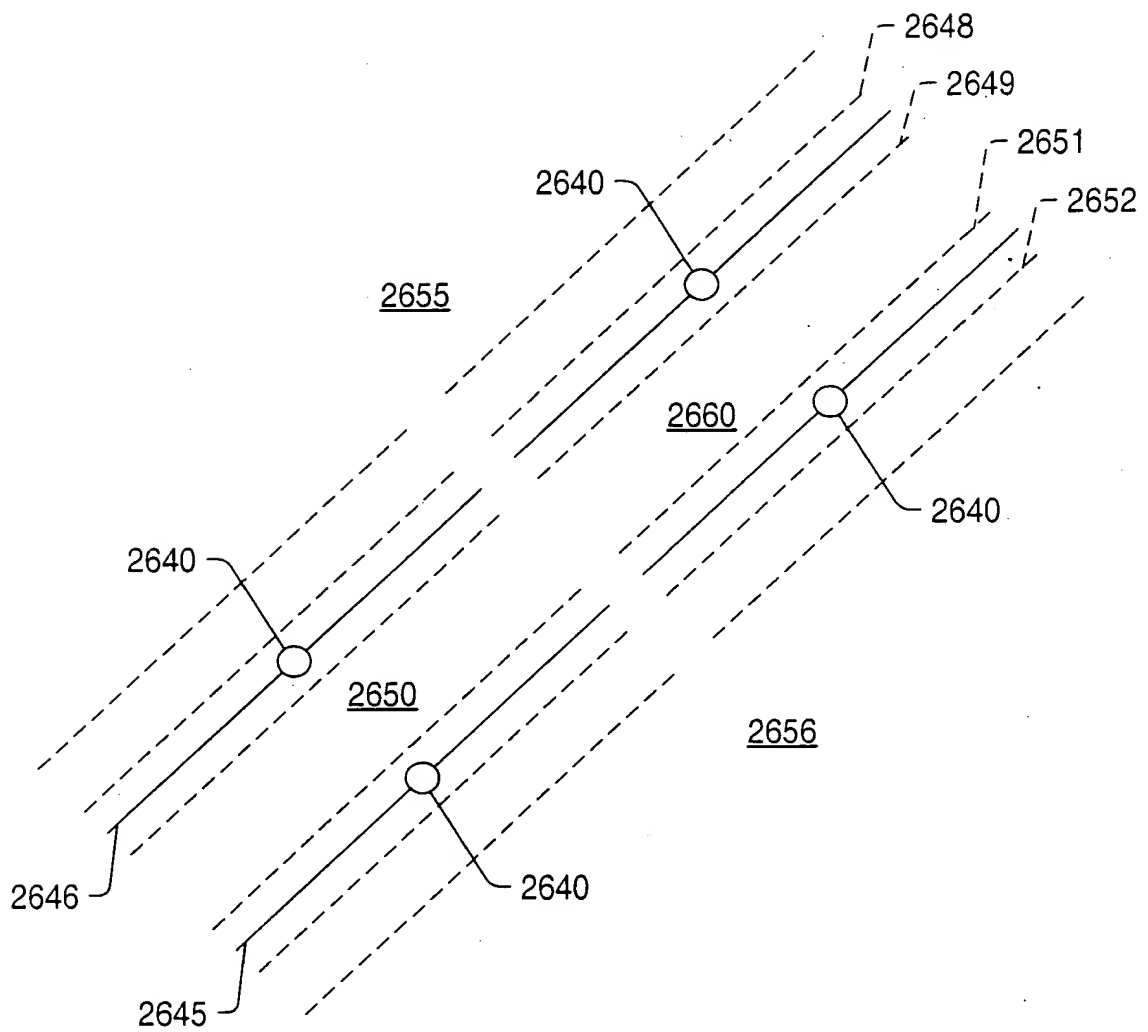


FIG. 56

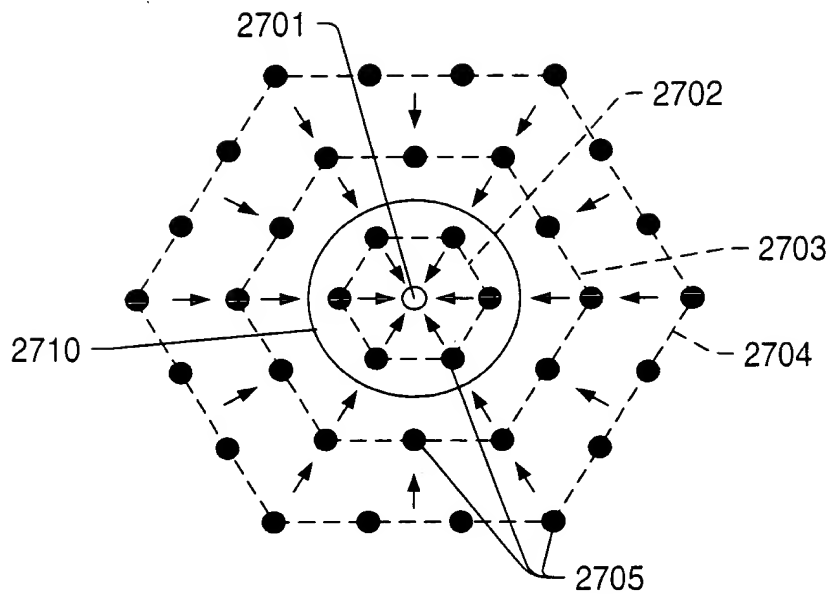


FIG. 57

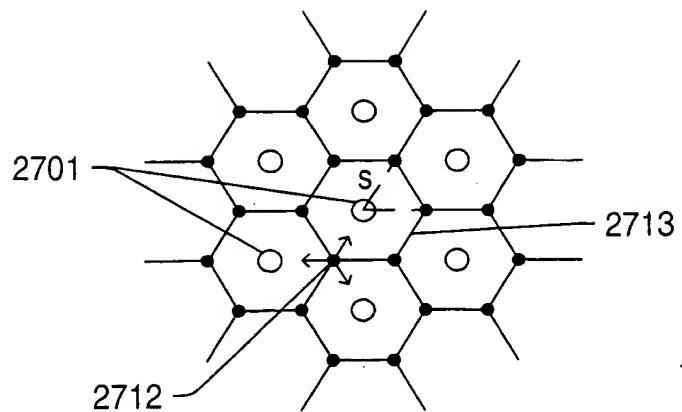


FIG. 58

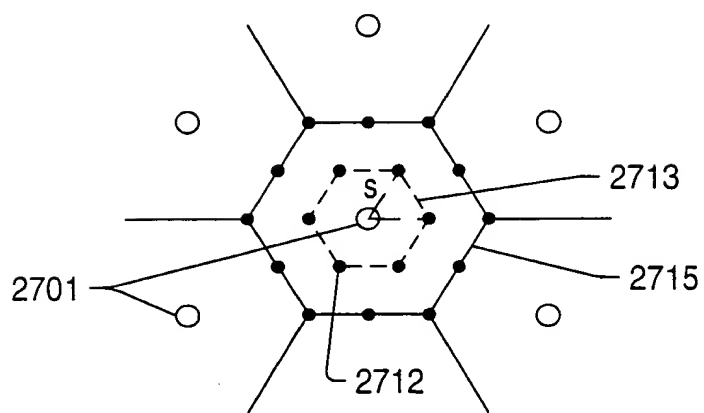


FIG. 59

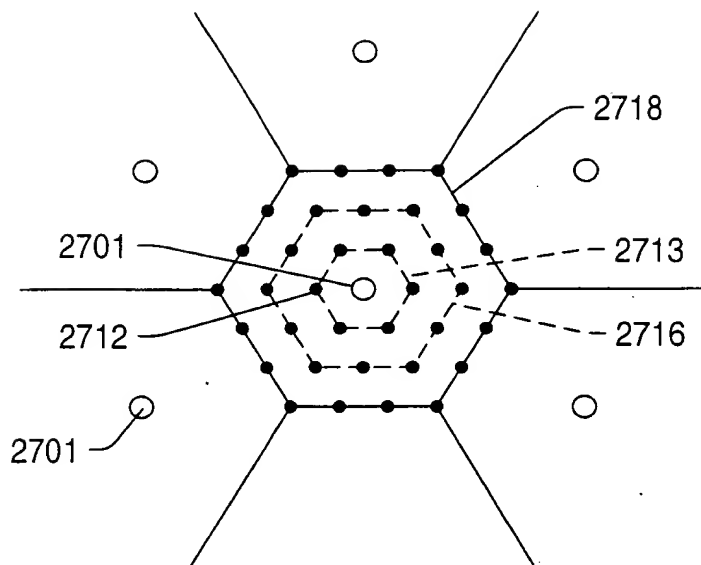


FIG. 60

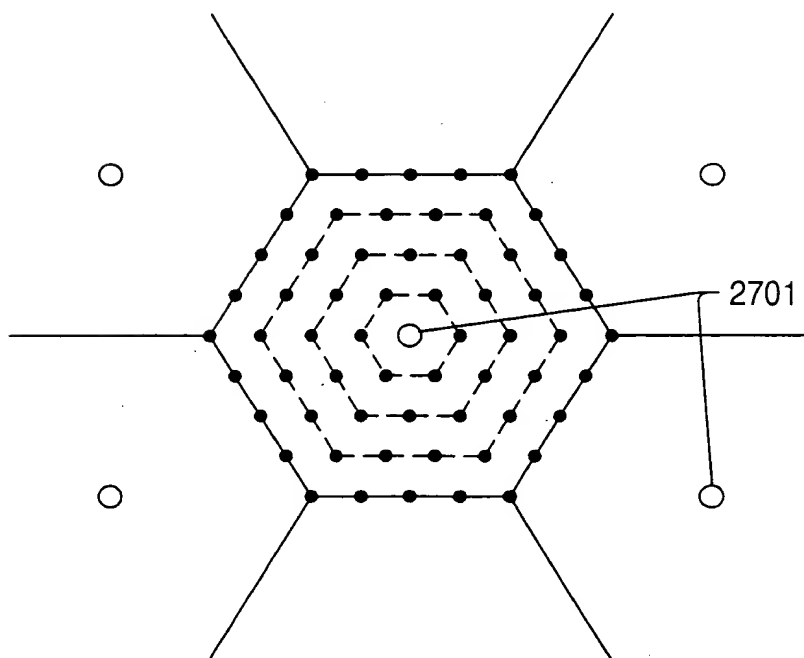


FIG. 61

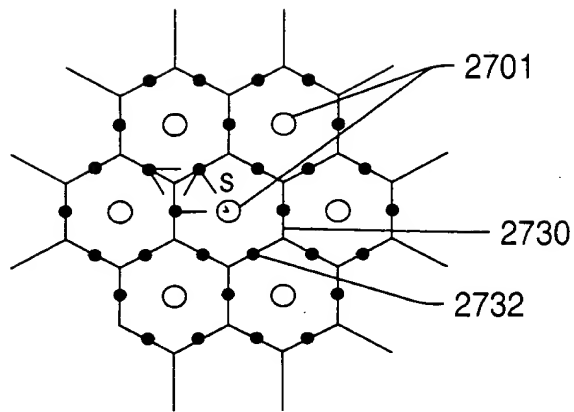


FIG. 62

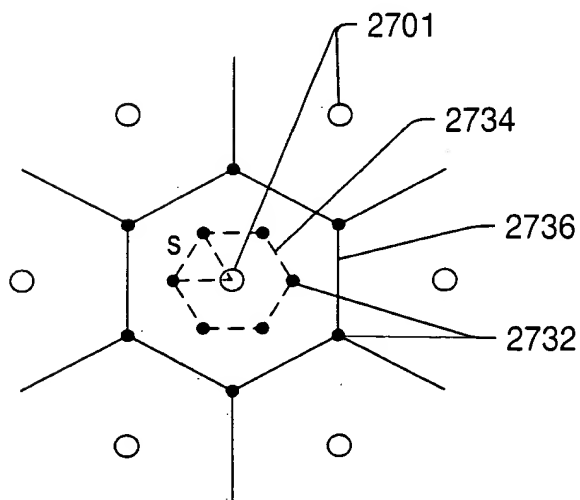


FIG. 63

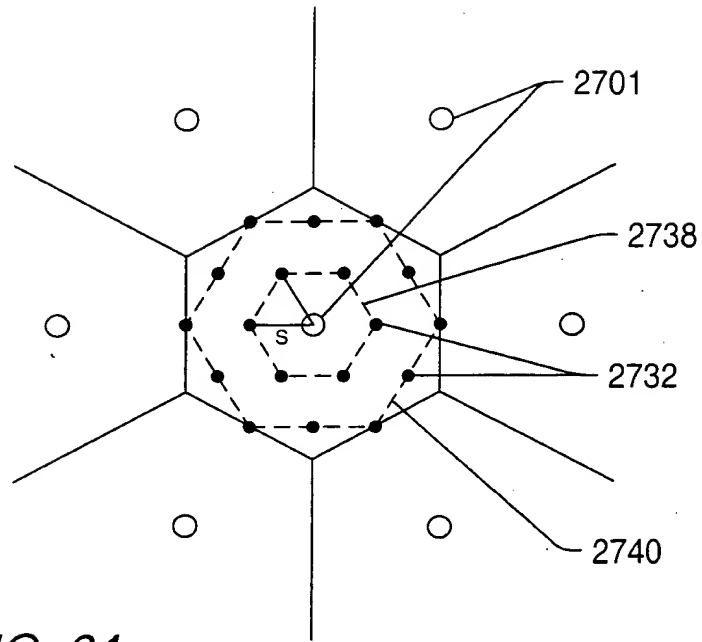


FIG. 64

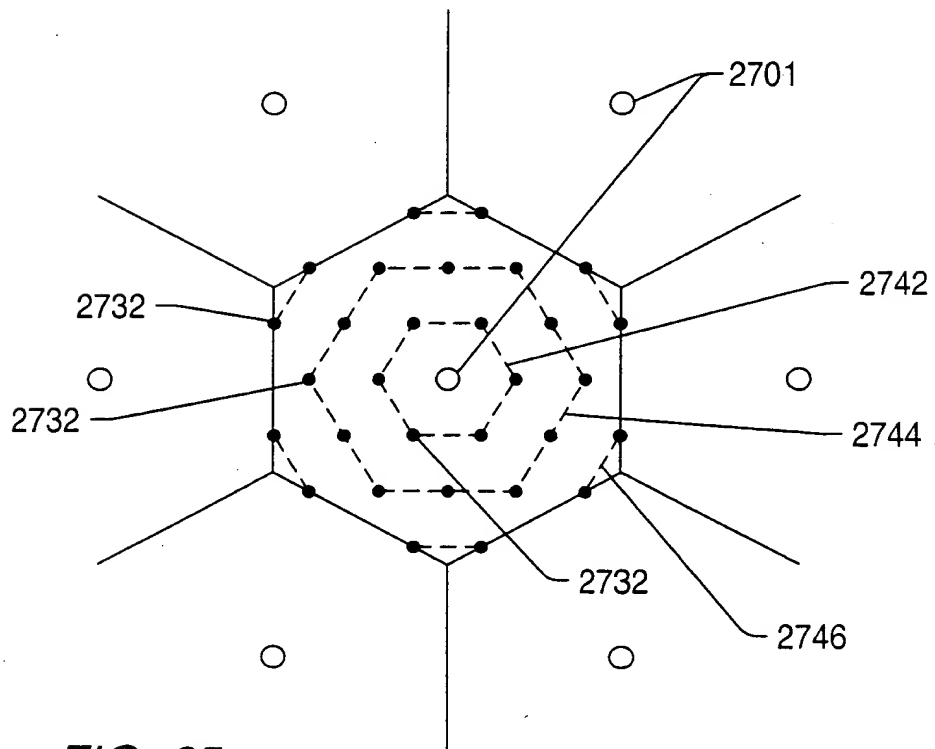


FIG. 65

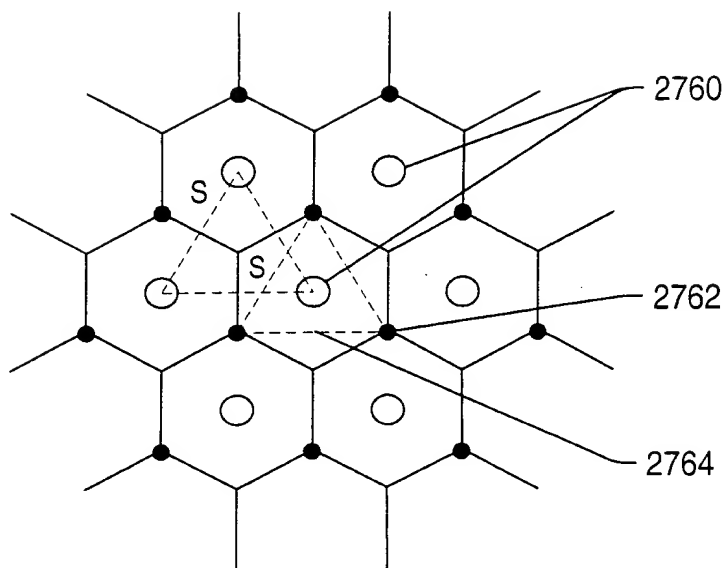


FIG. 66

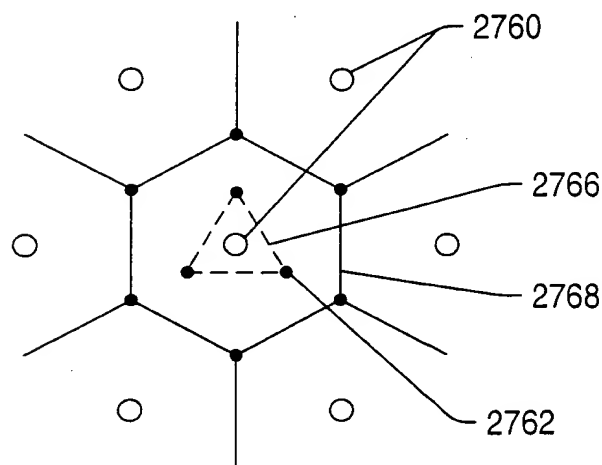


FIG. 67

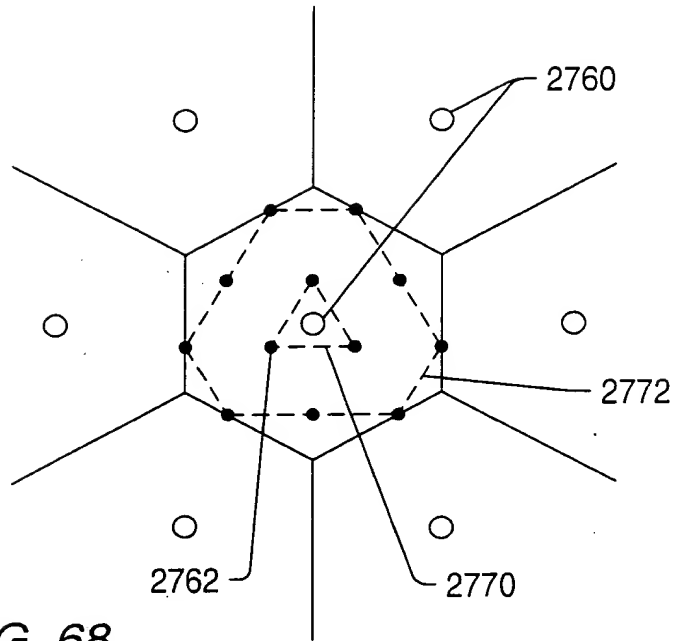


FIG. 68

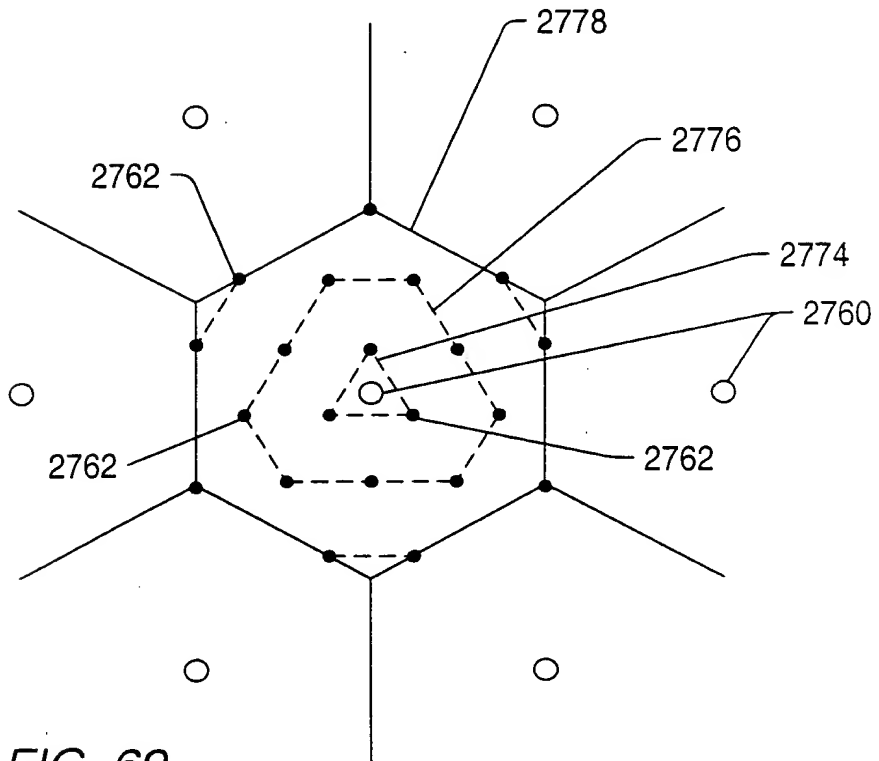


FIG. 69

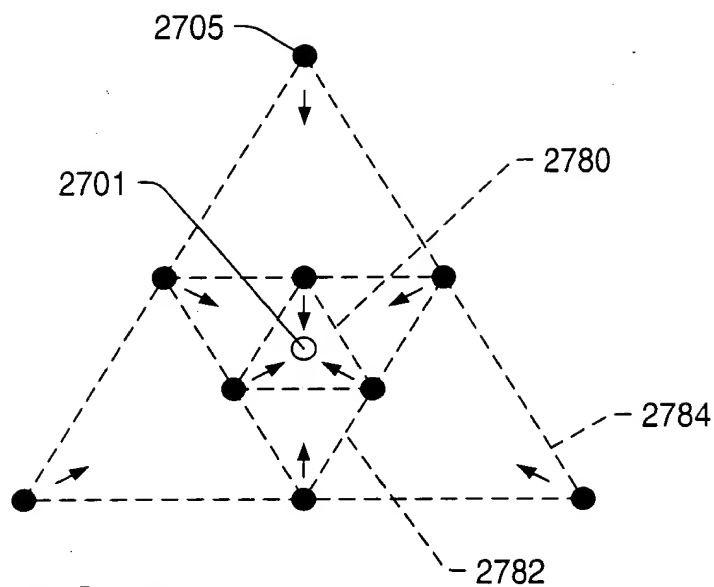


FIG. 70

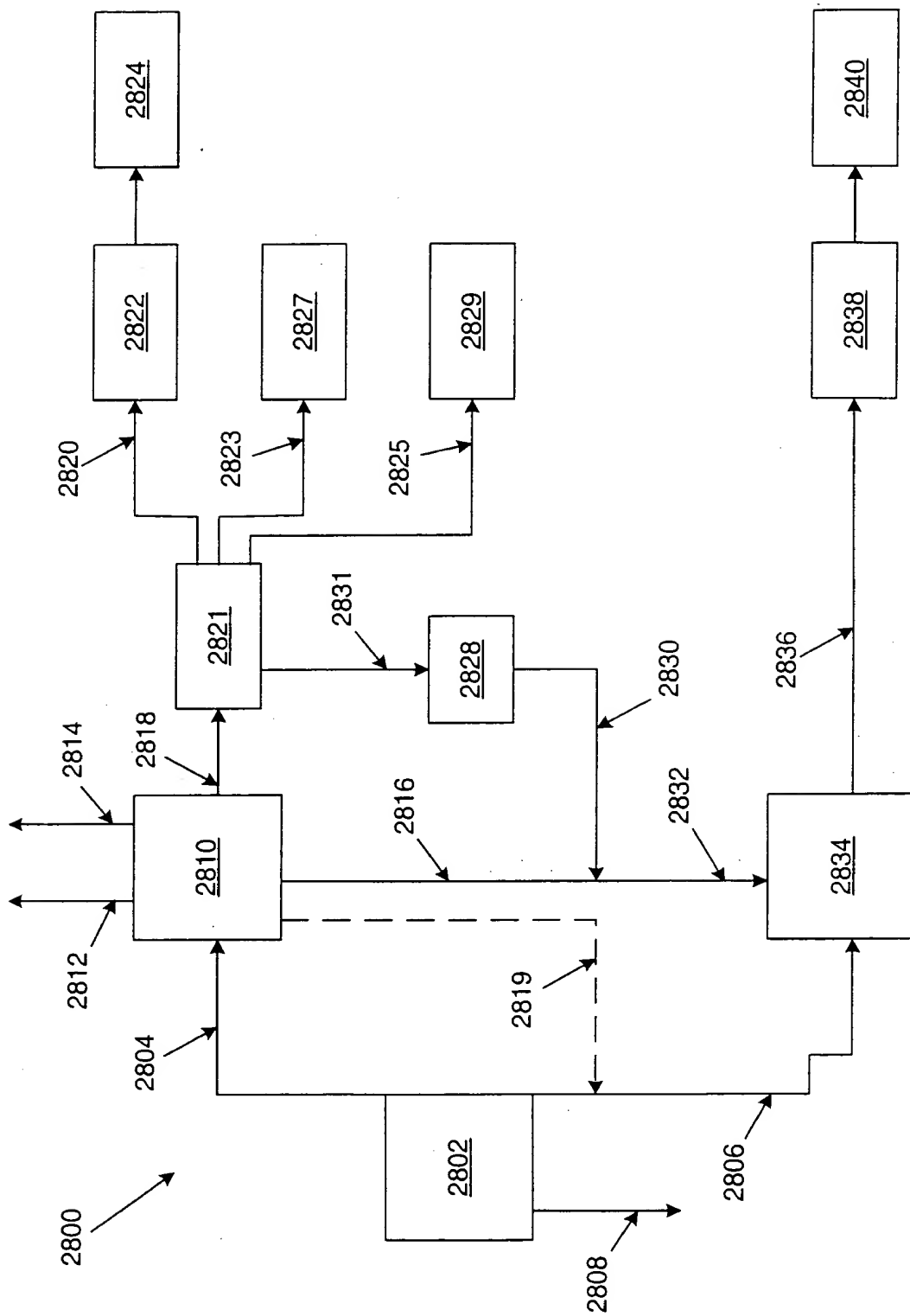


Fig. 71

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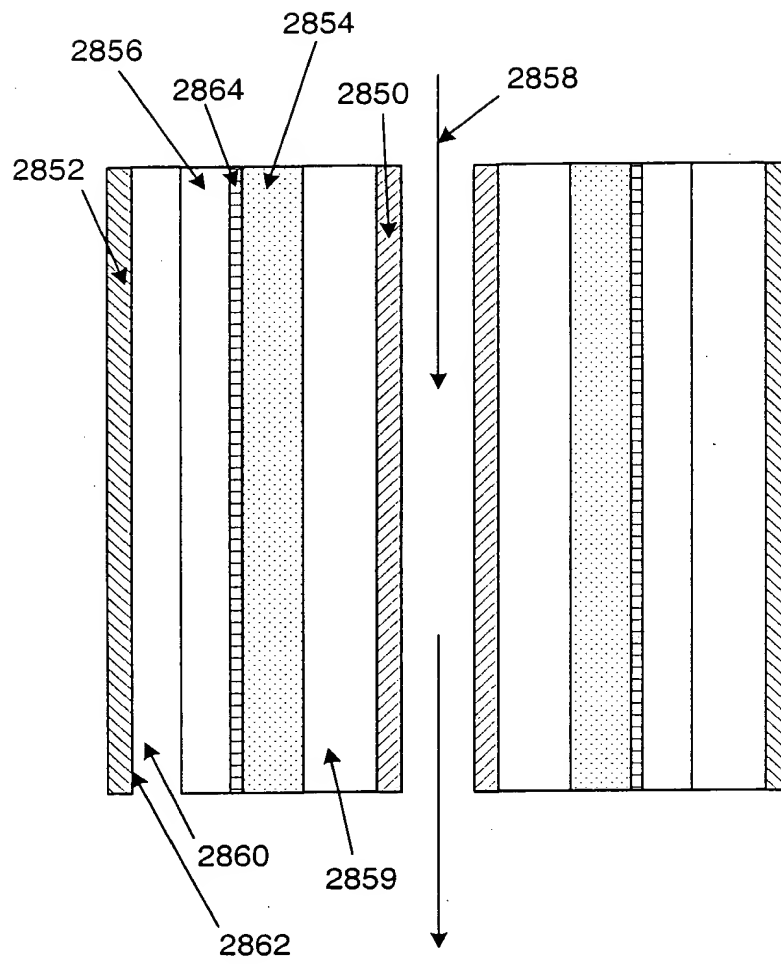


Fig. 72

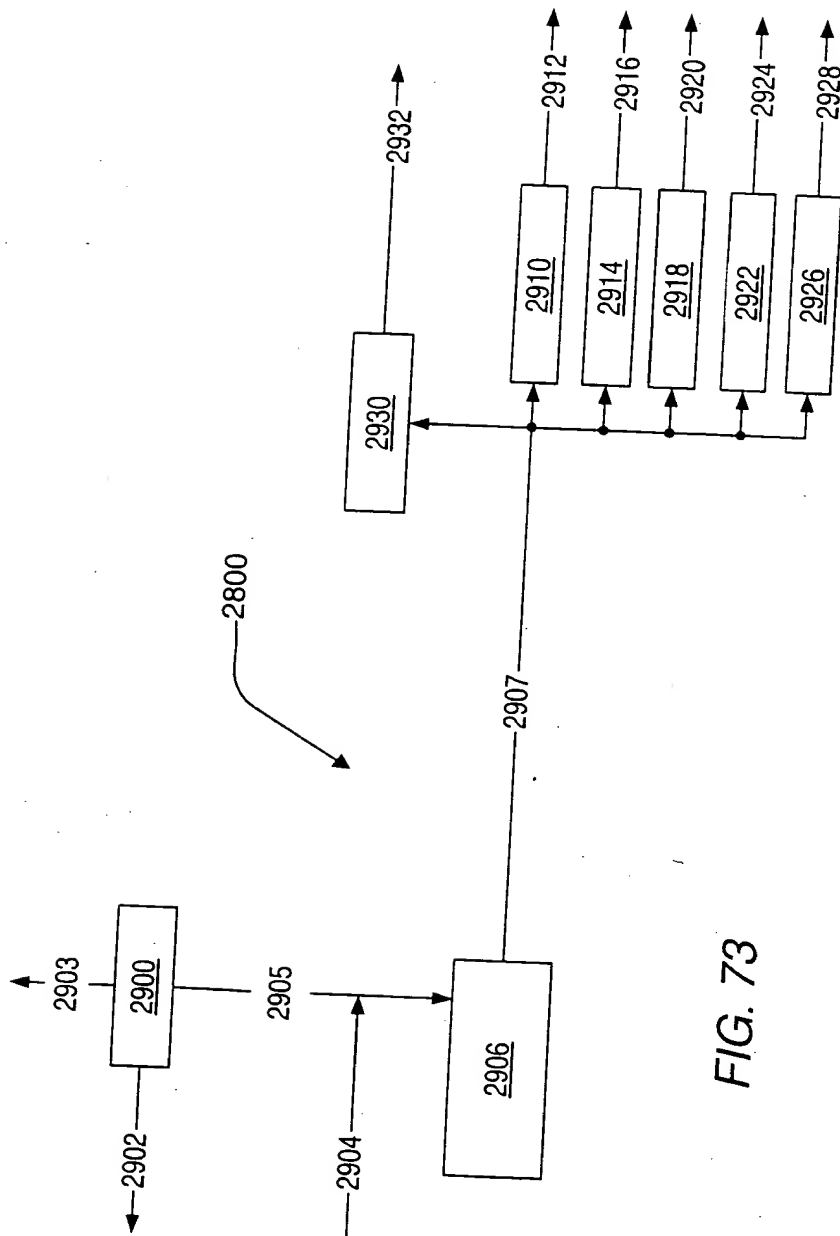


FIG. 73

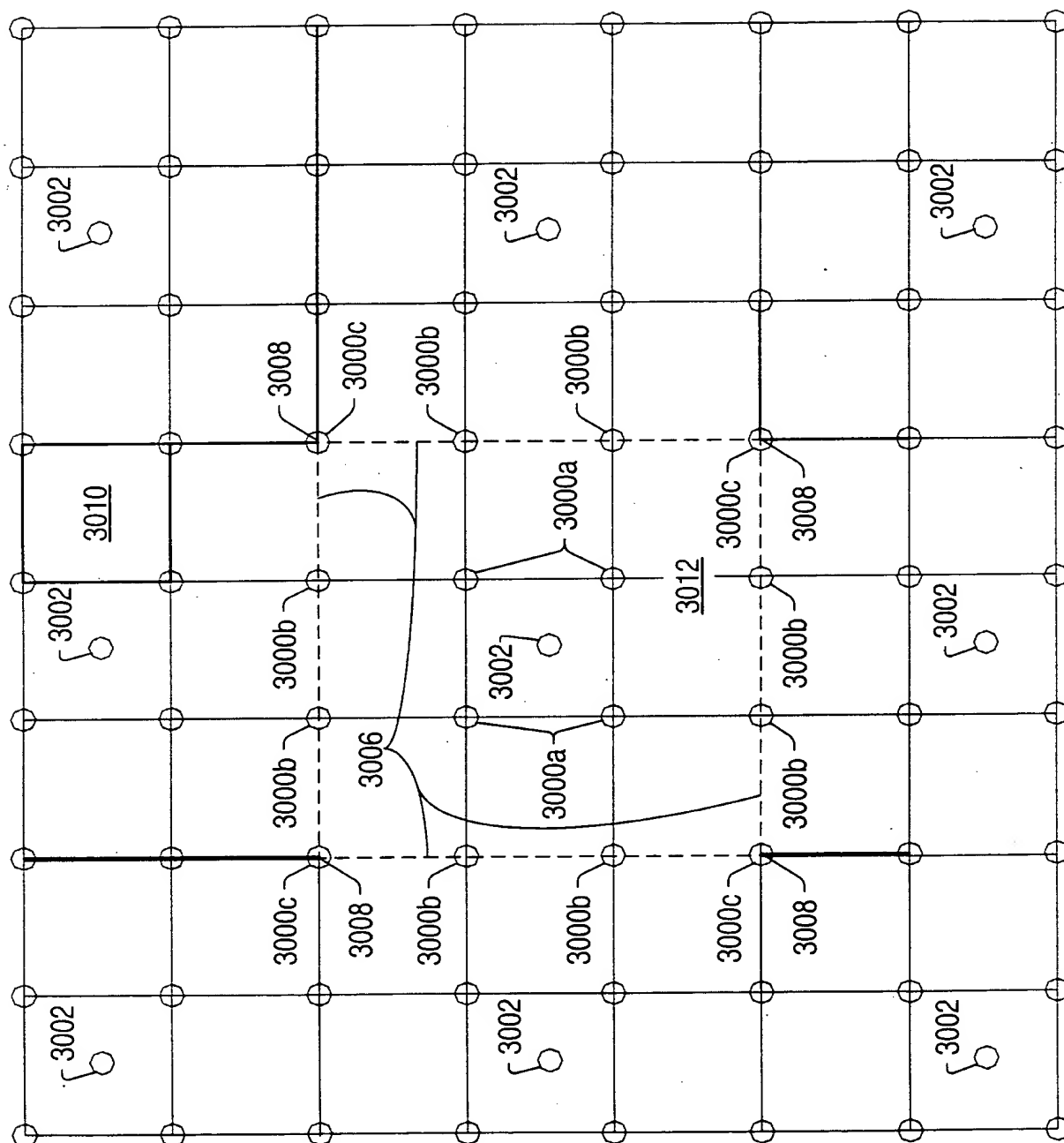


FIG. 74

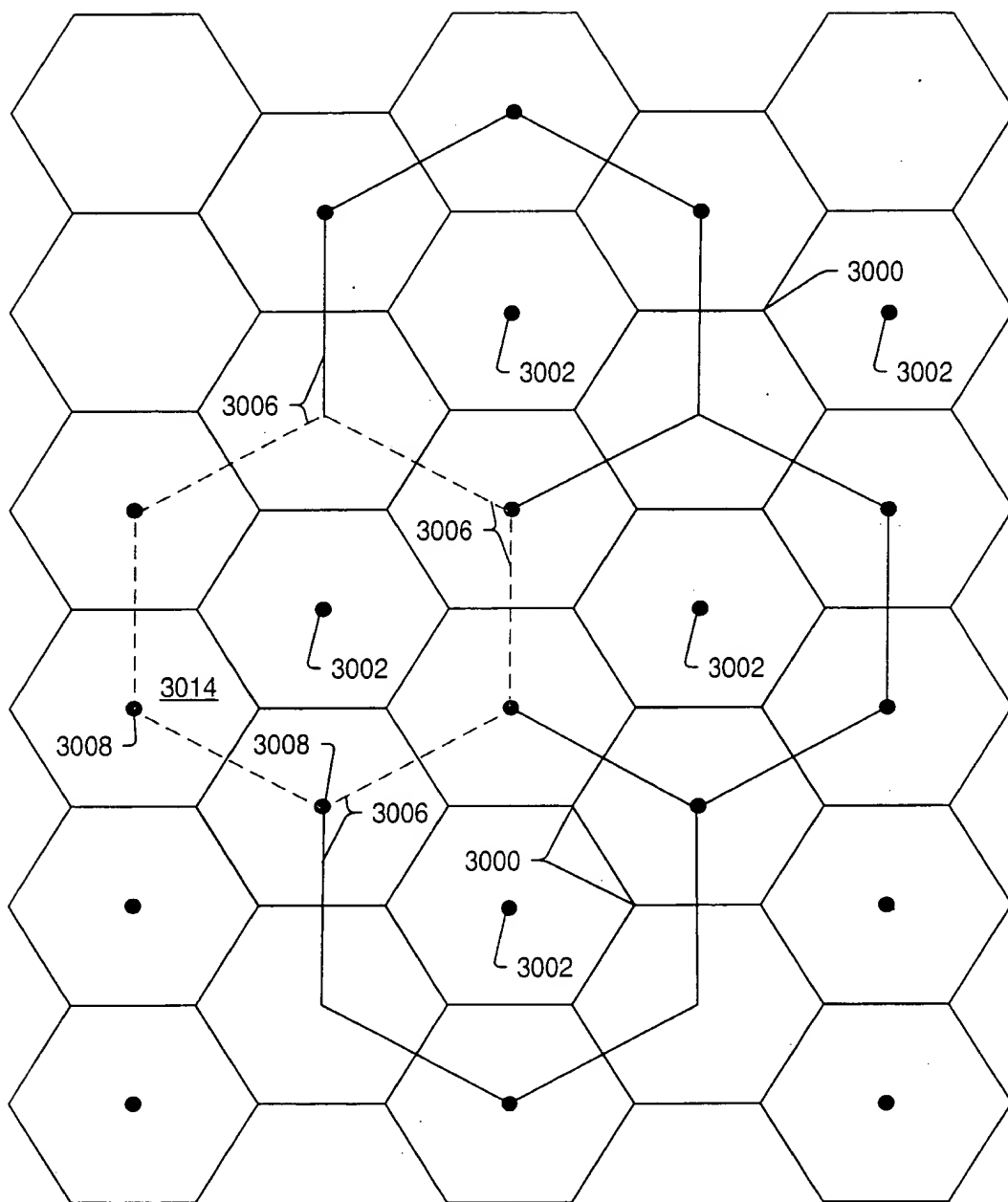


FIG. 75

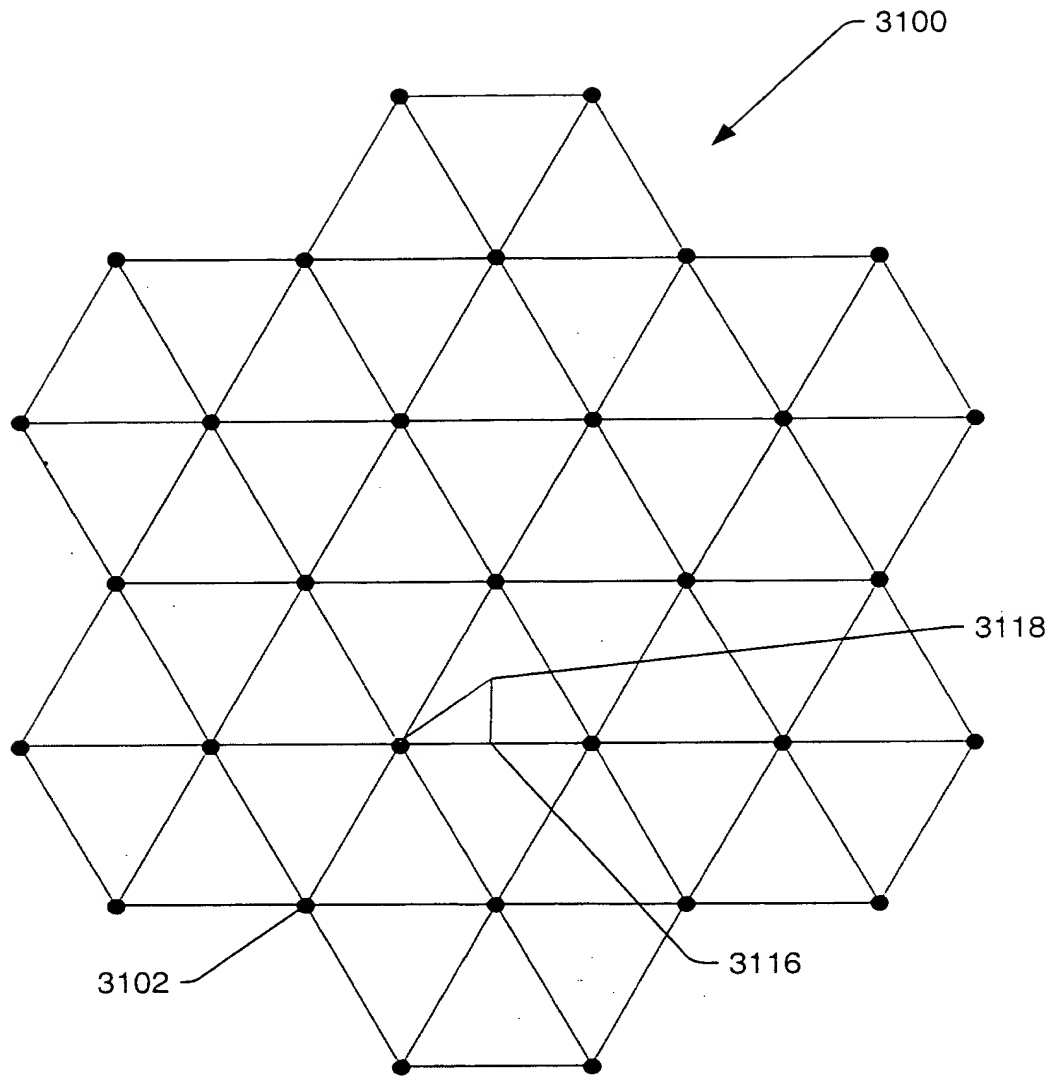


FIG. 76

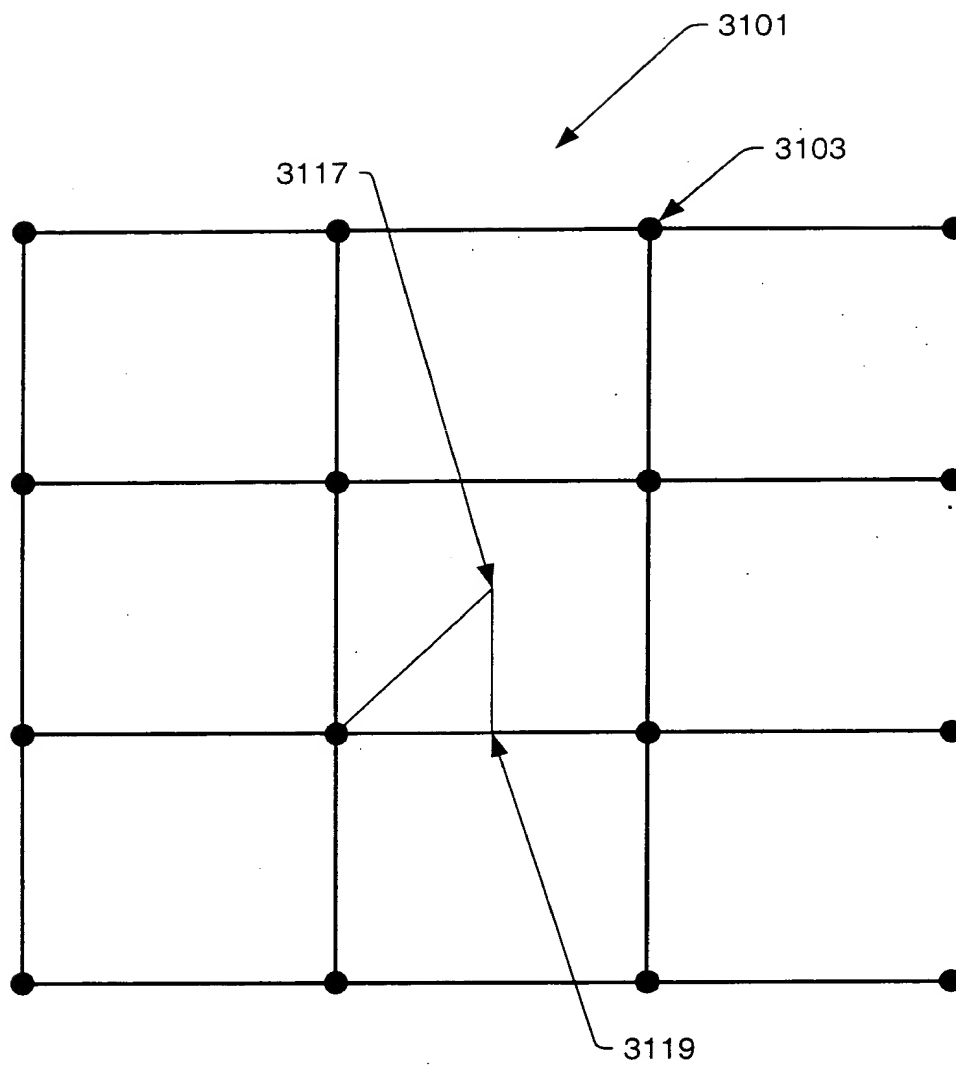


FIG. 76a

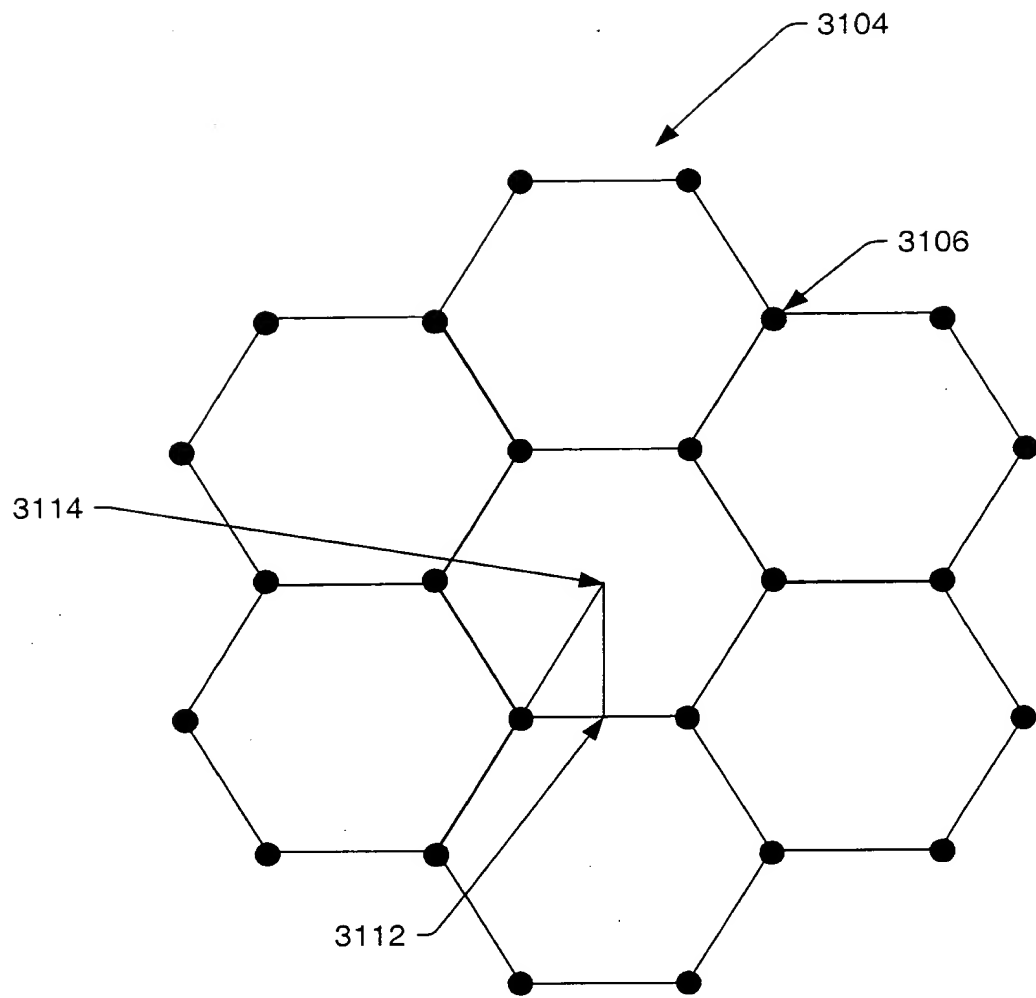


FIG. 77

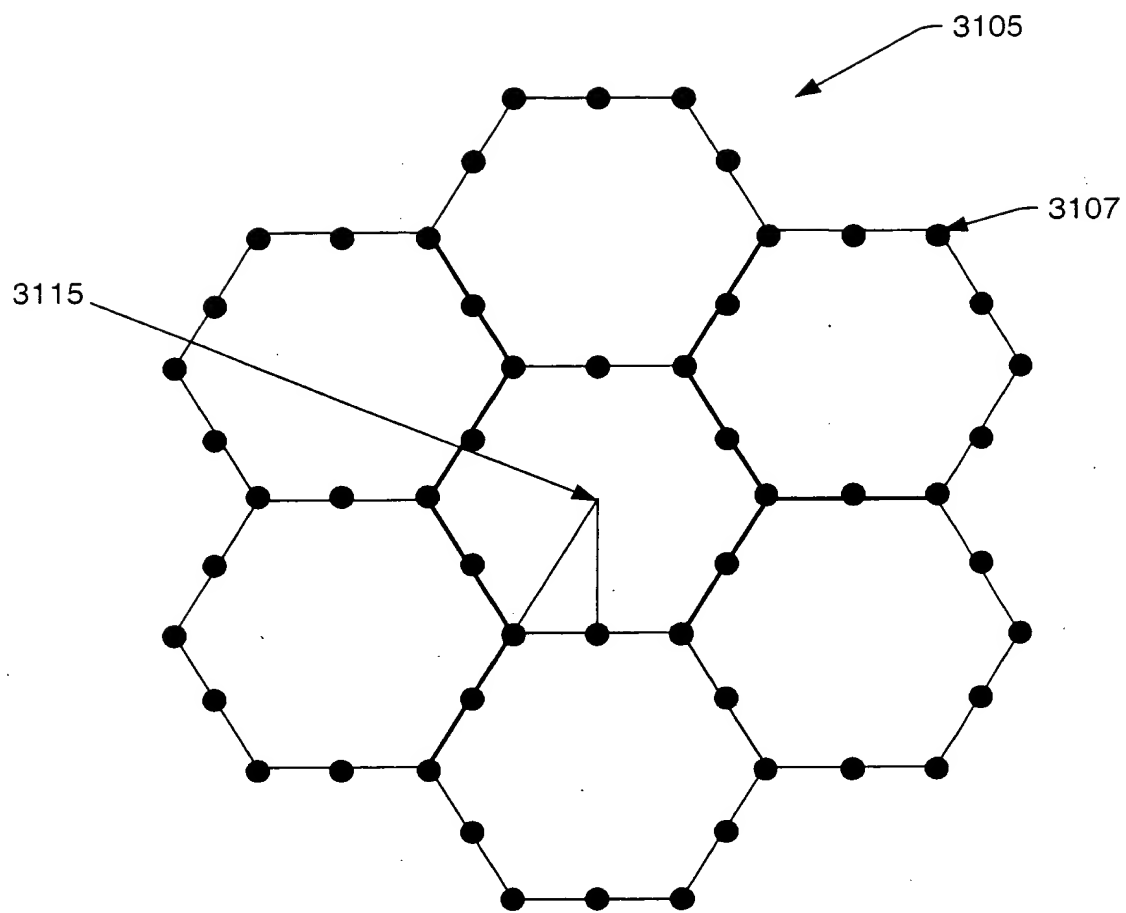


FIG. 77a

3110

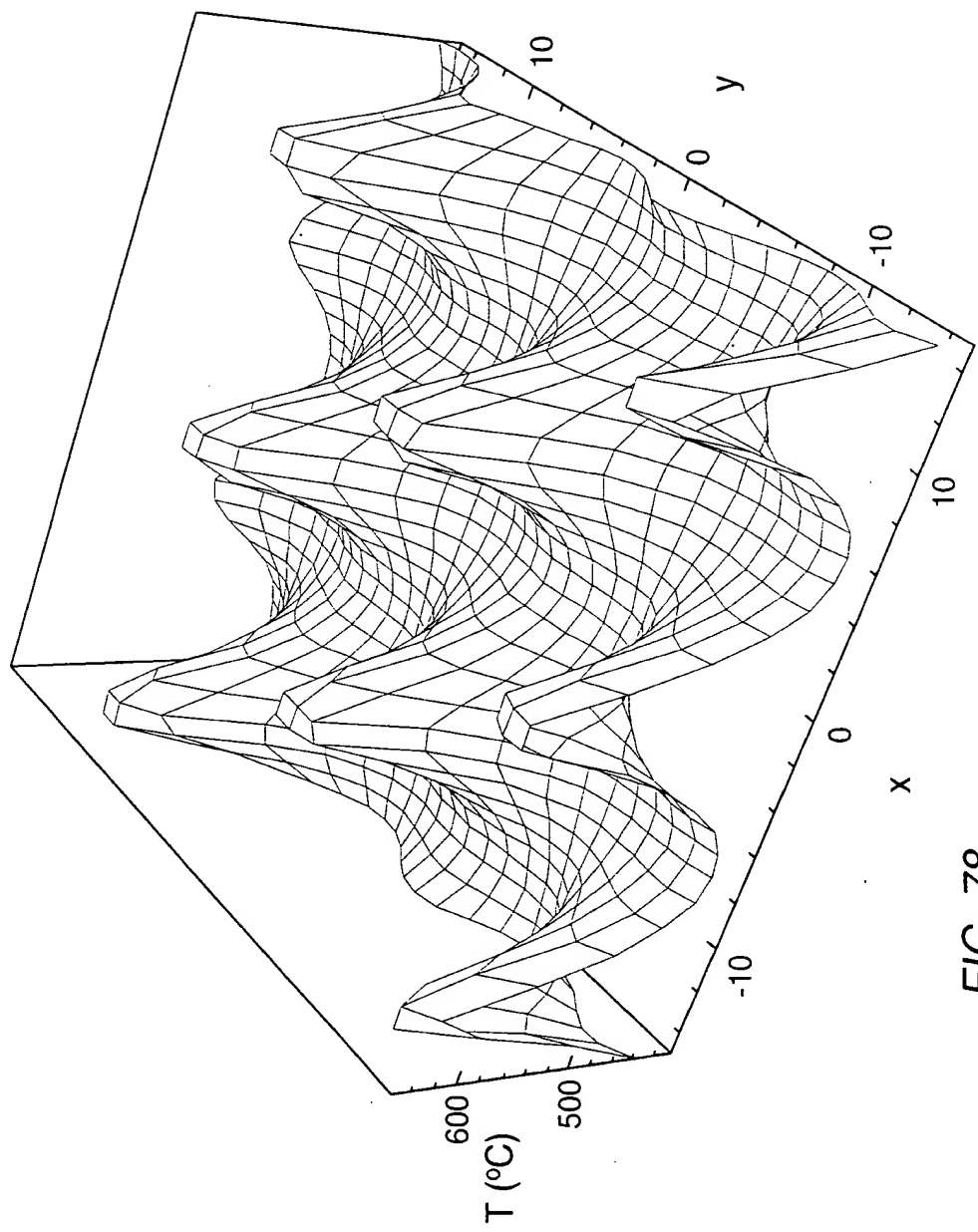


FIG. 78

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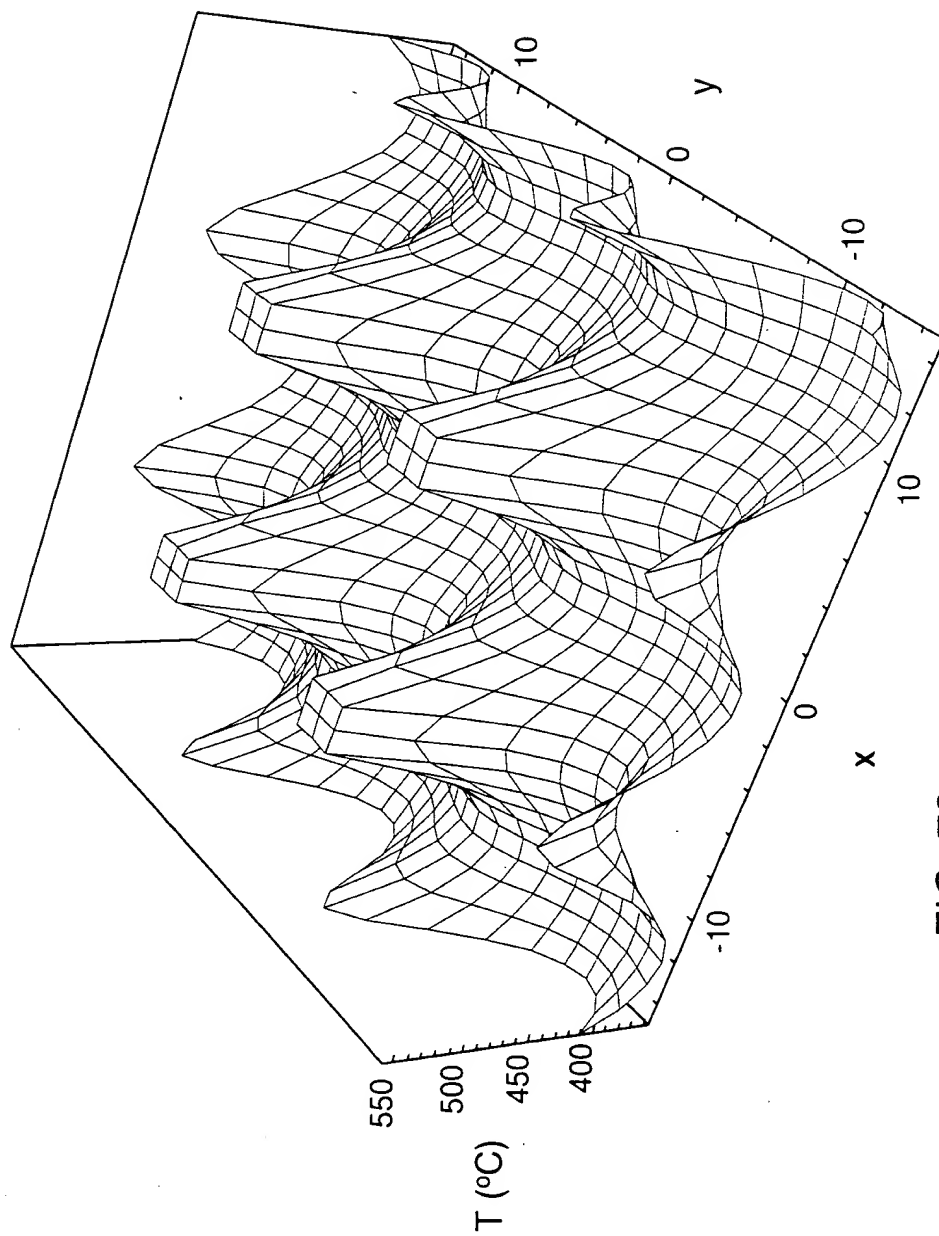


FIG. 79

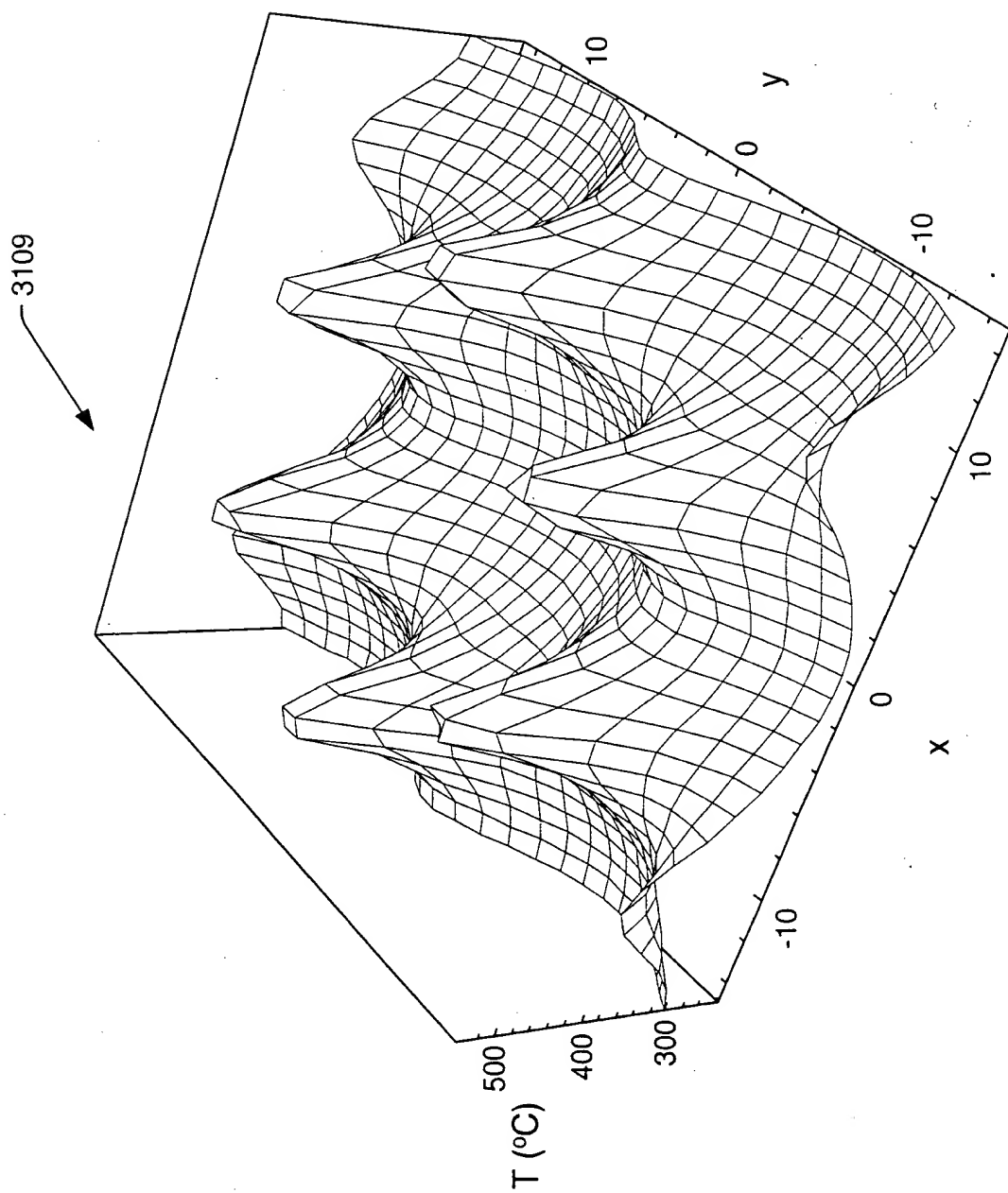


FIG. 79a

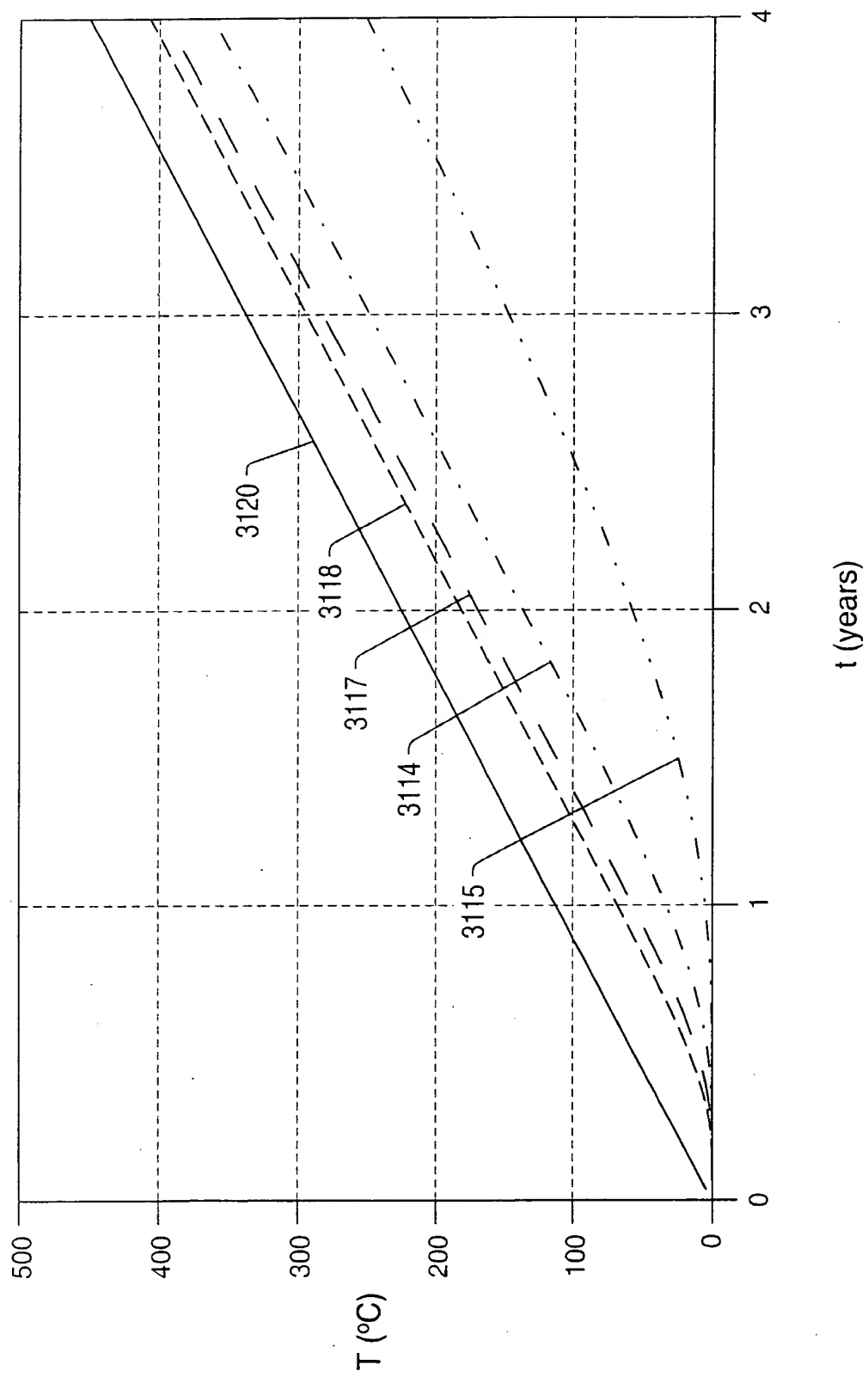


FIG. 80

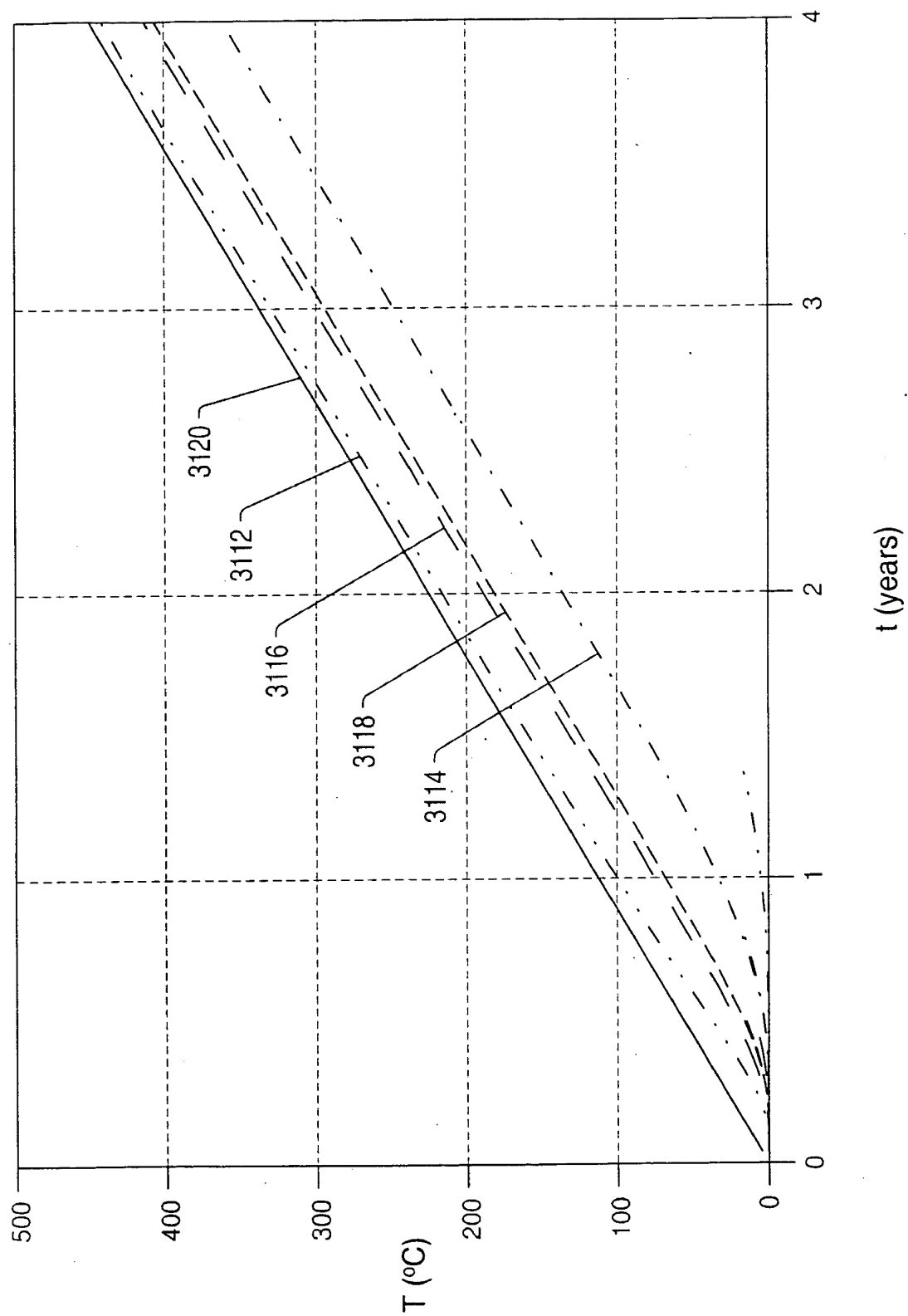


FIG. 81

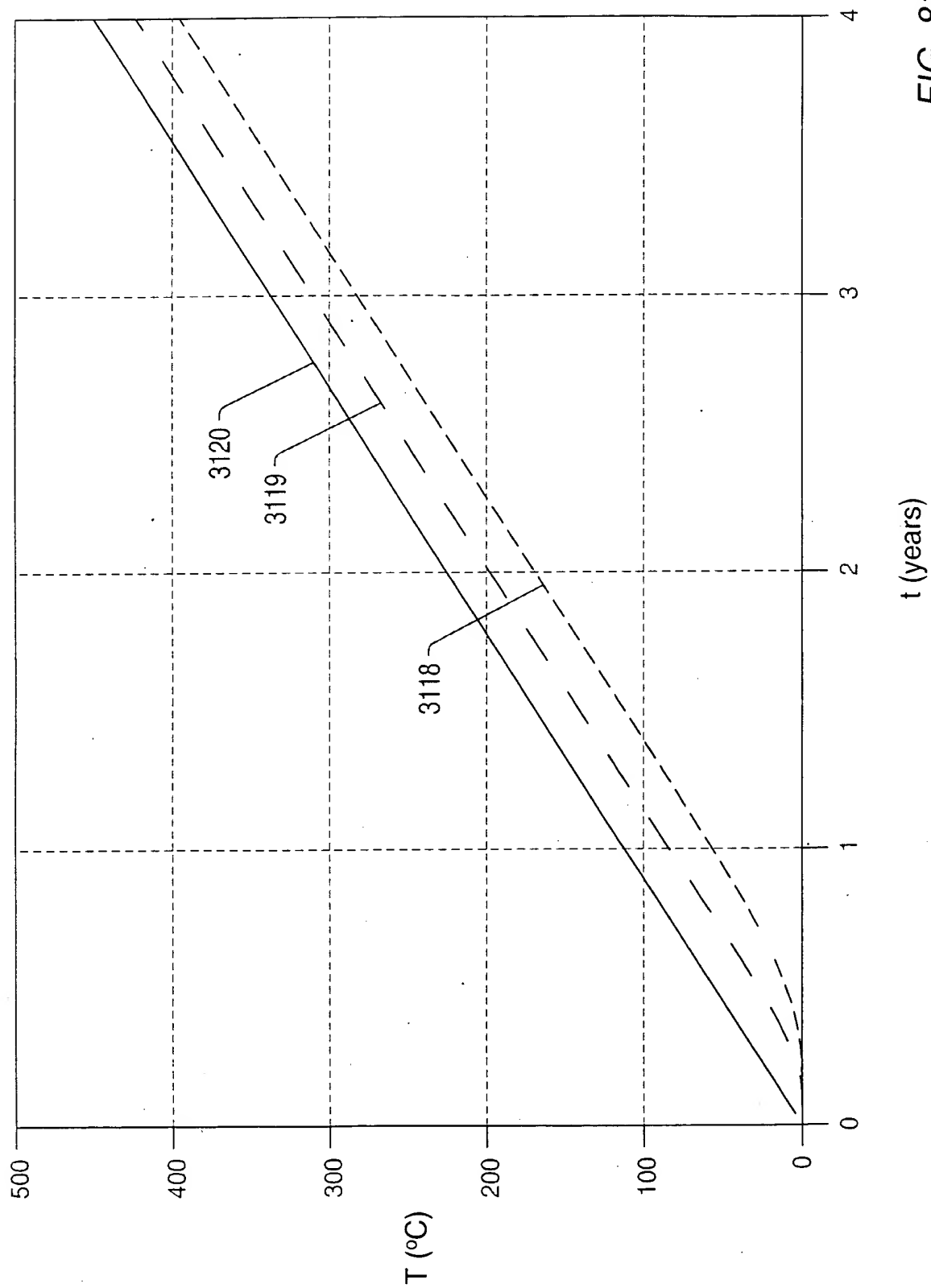


FIG. 81a

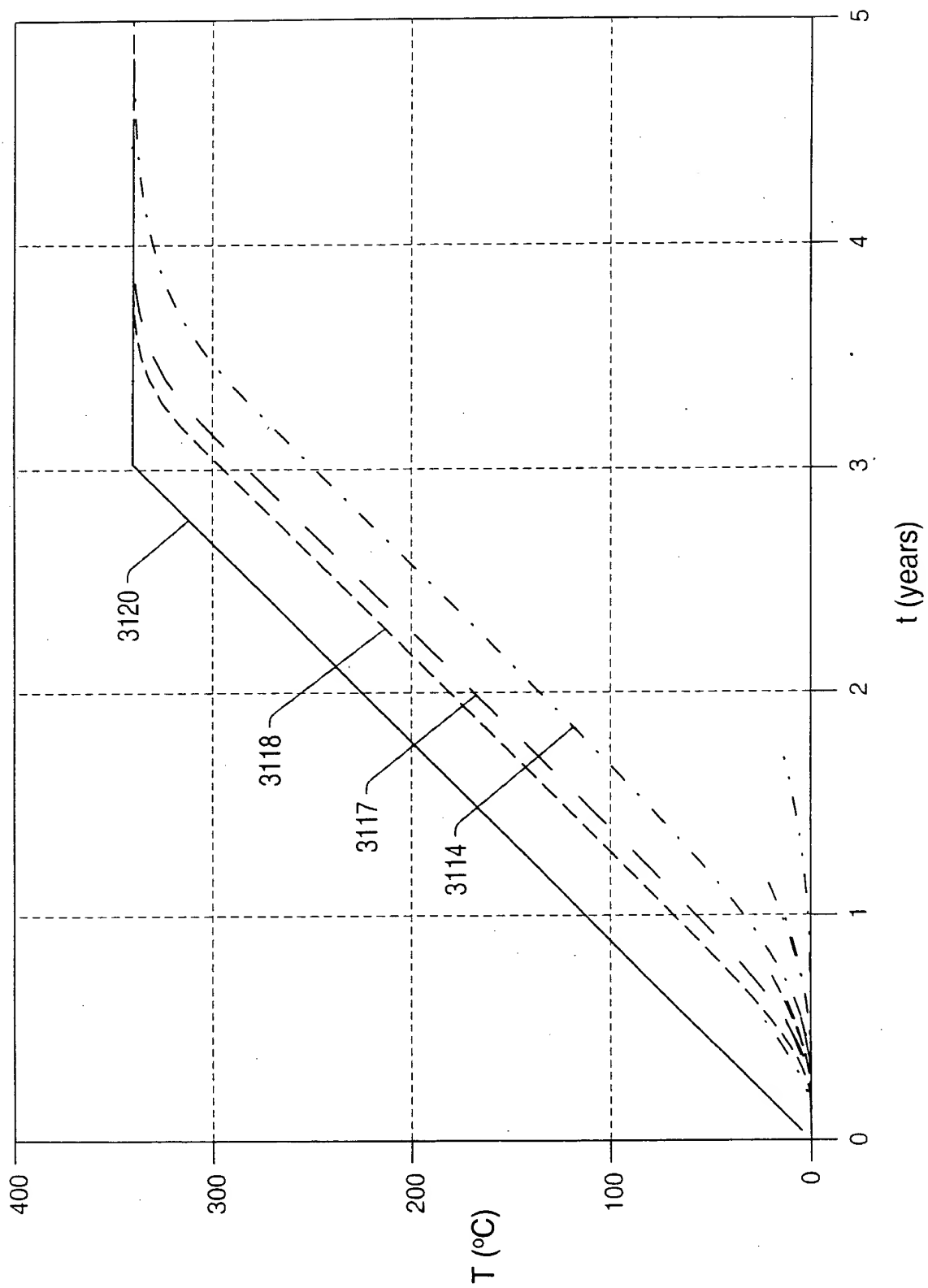


FIG. 81b

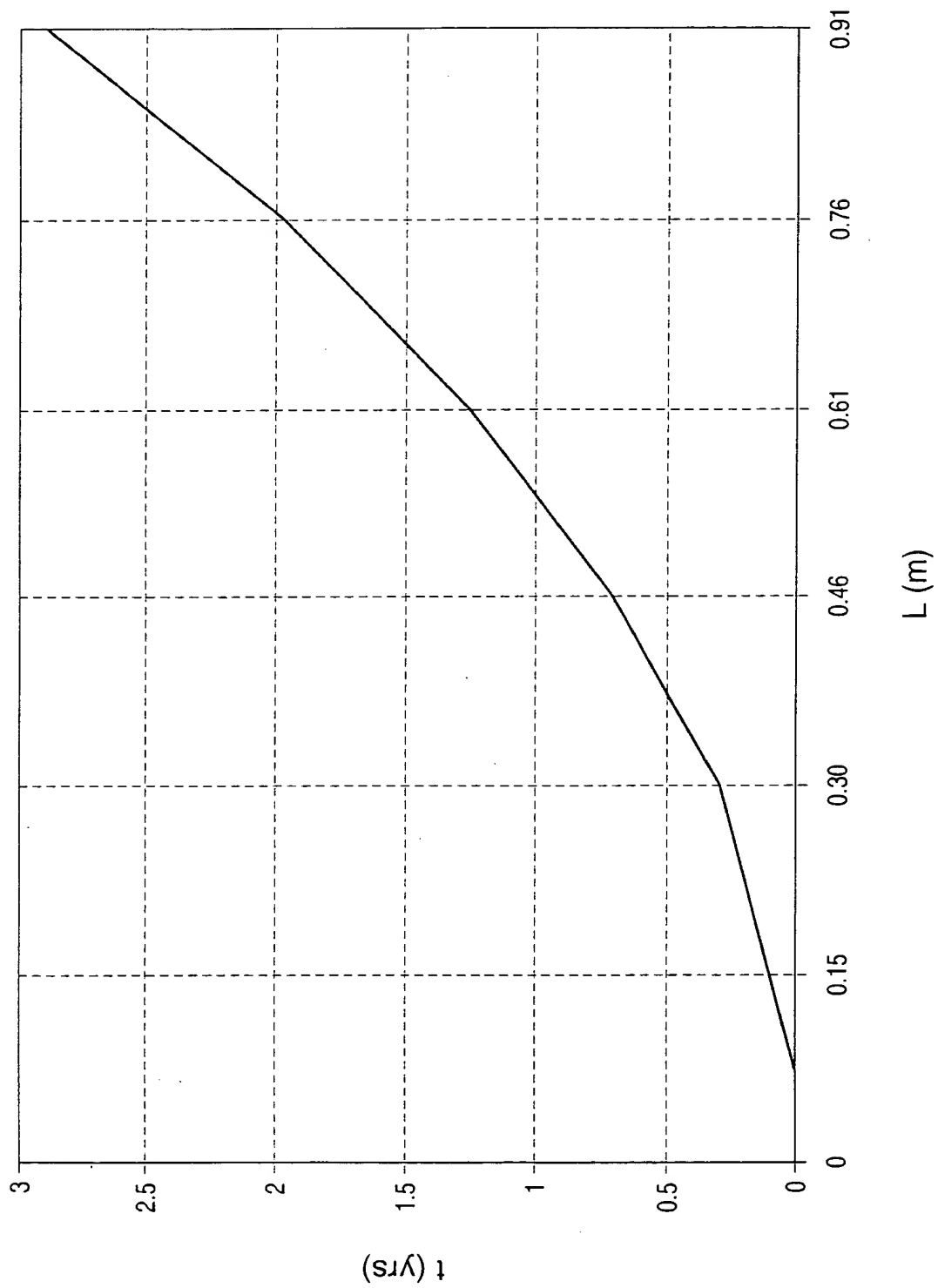


FIG. 82

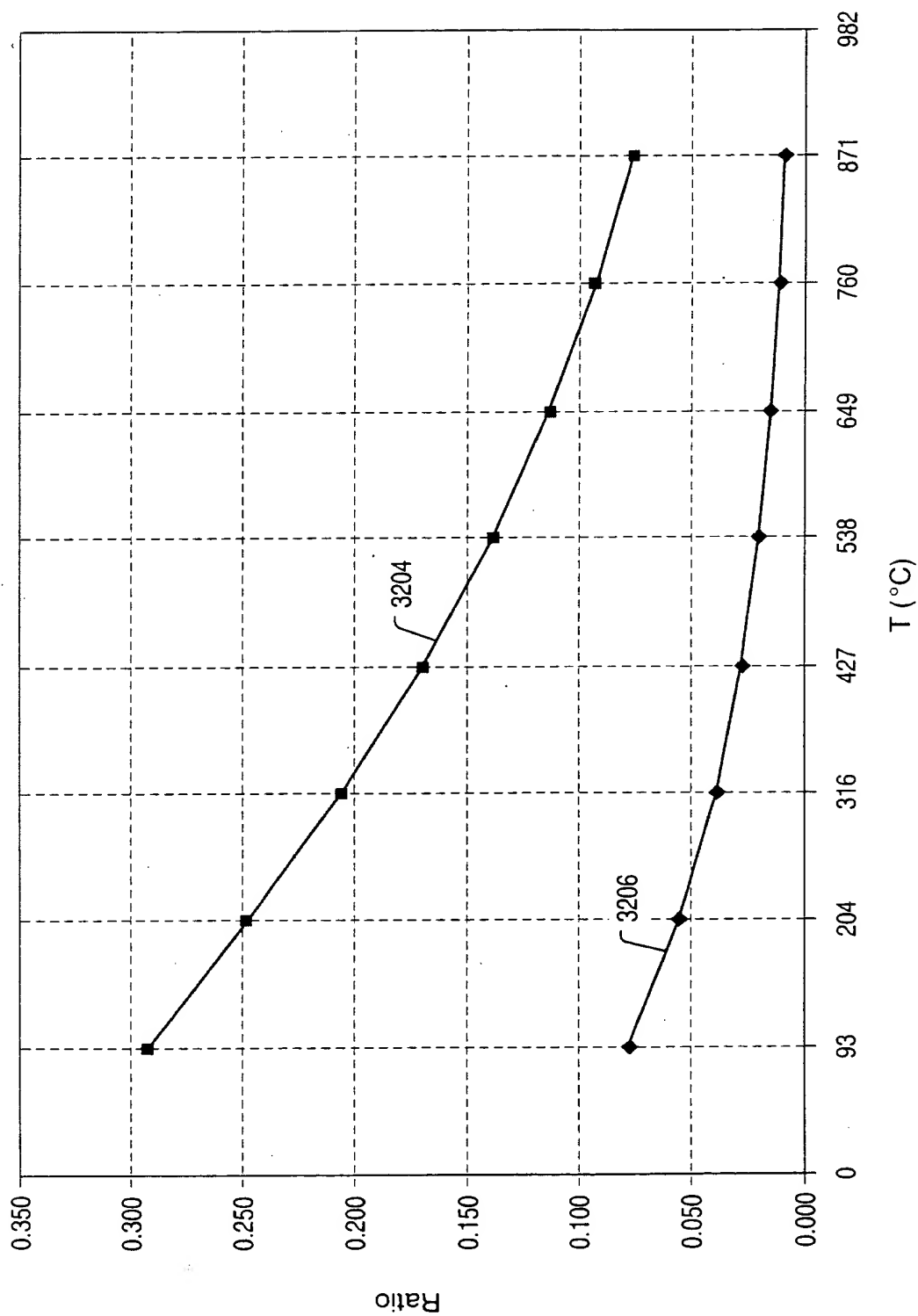


FIG. 83

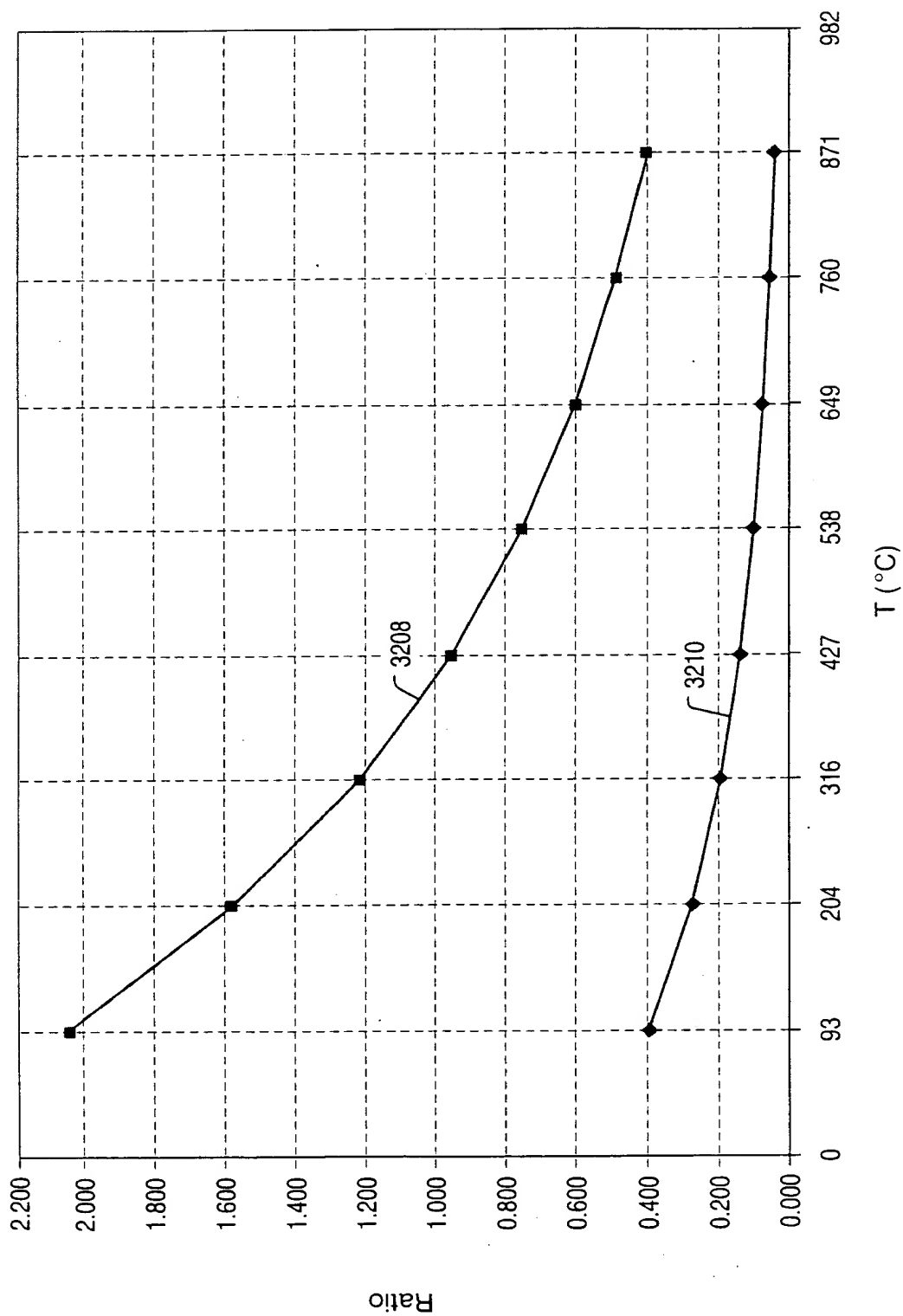


FIG. 84

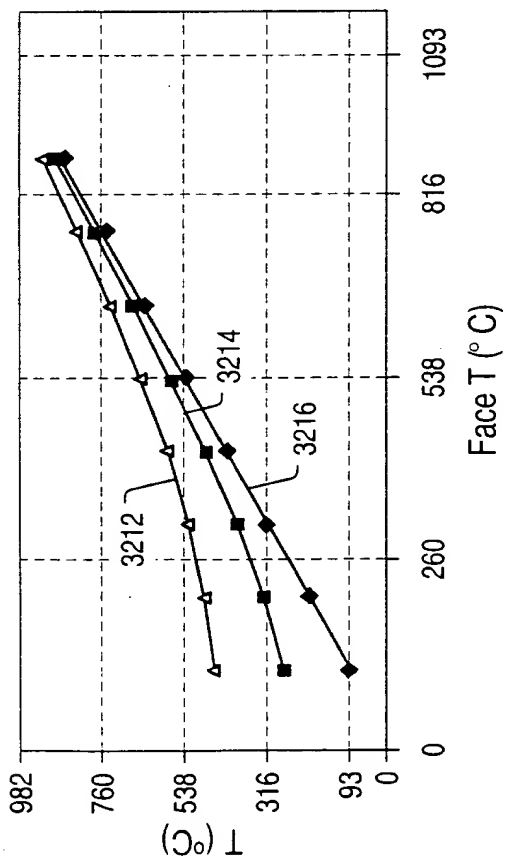


FIG. 85

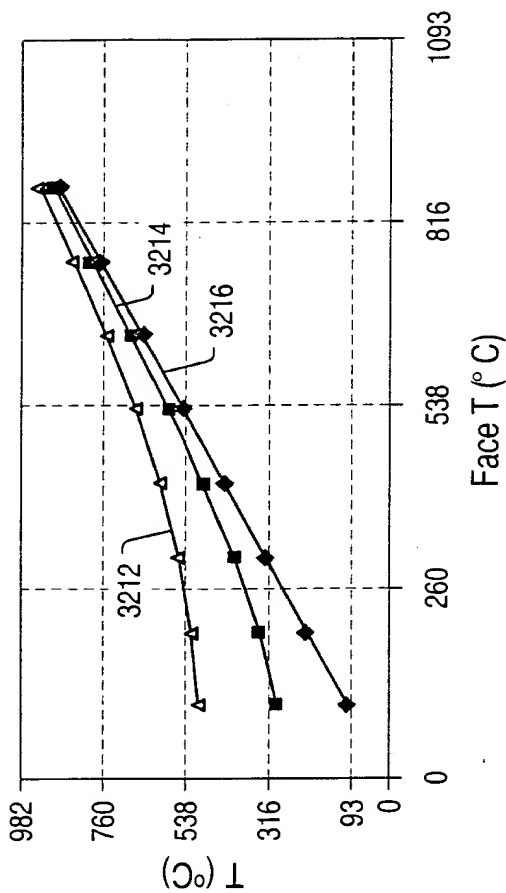


FIG. 86

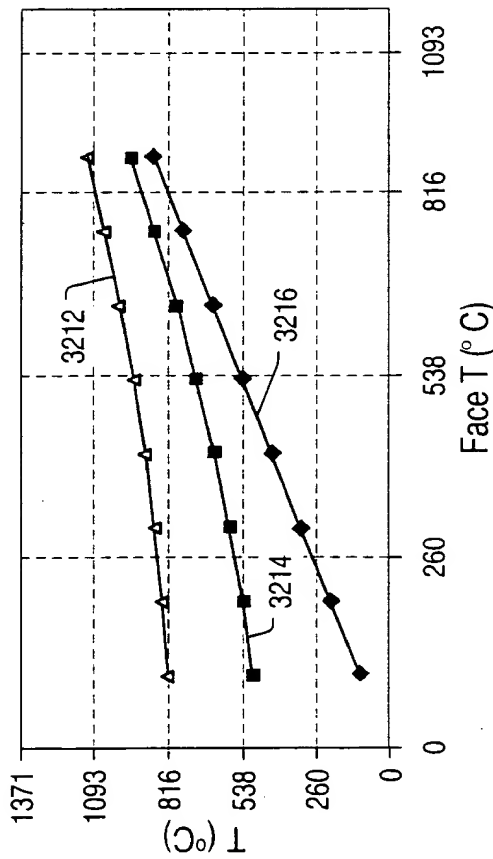


FIG. 87

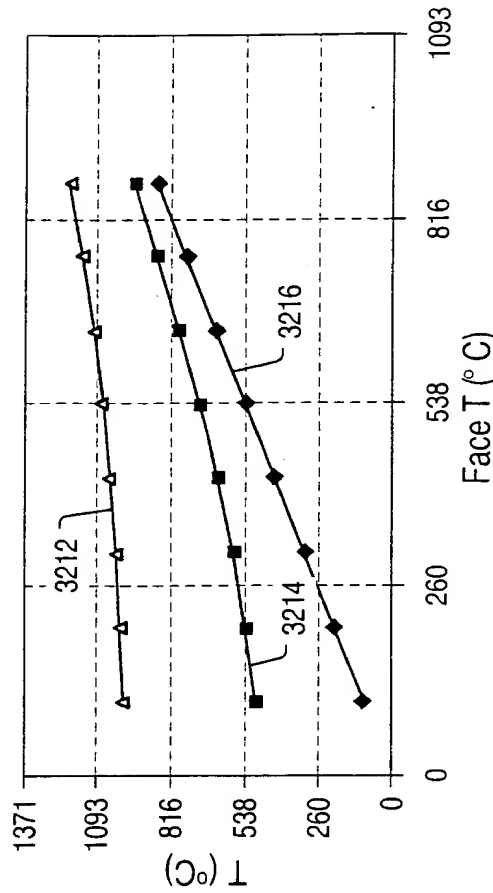


FIG. 88

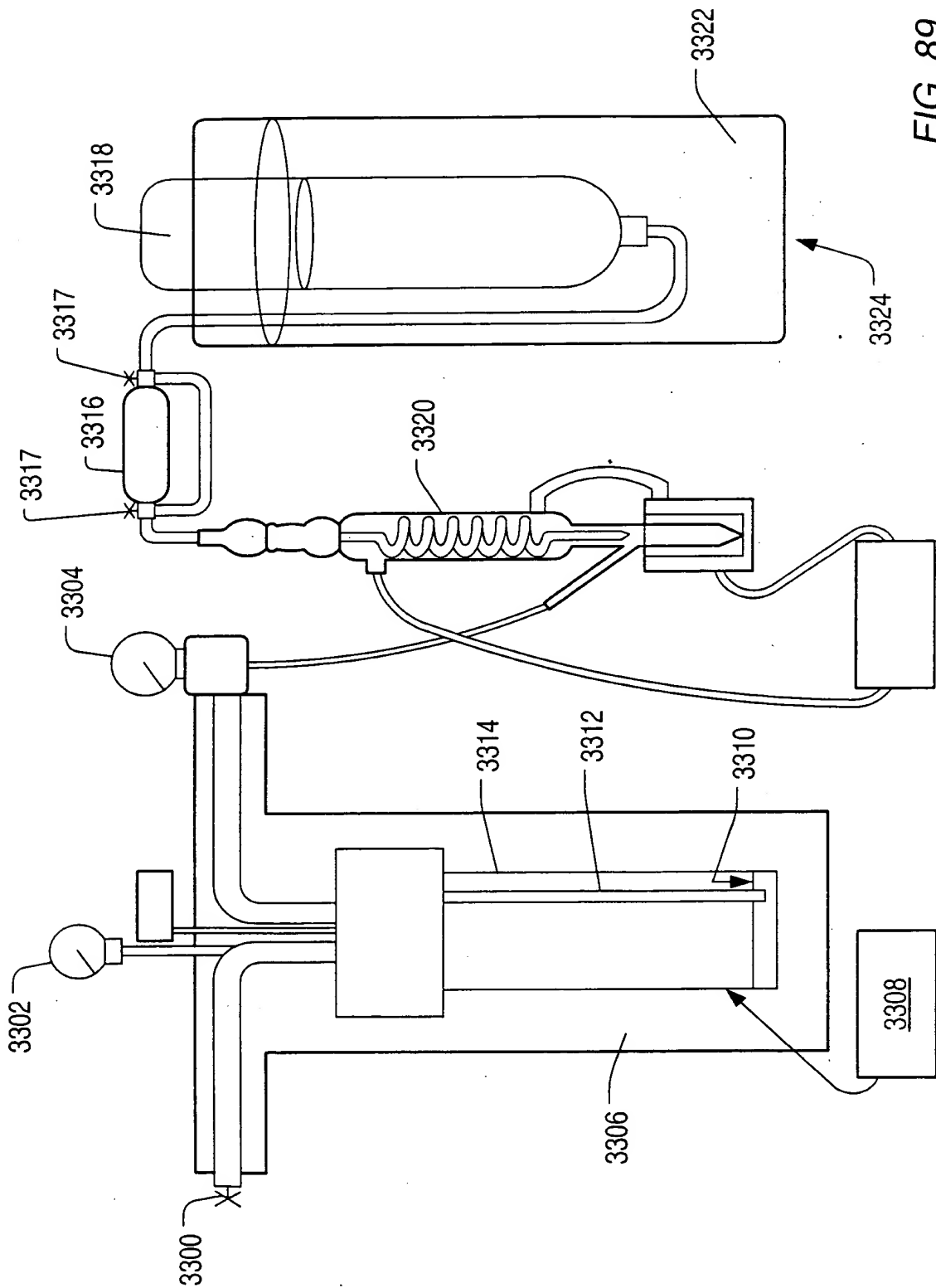


FIG. 89

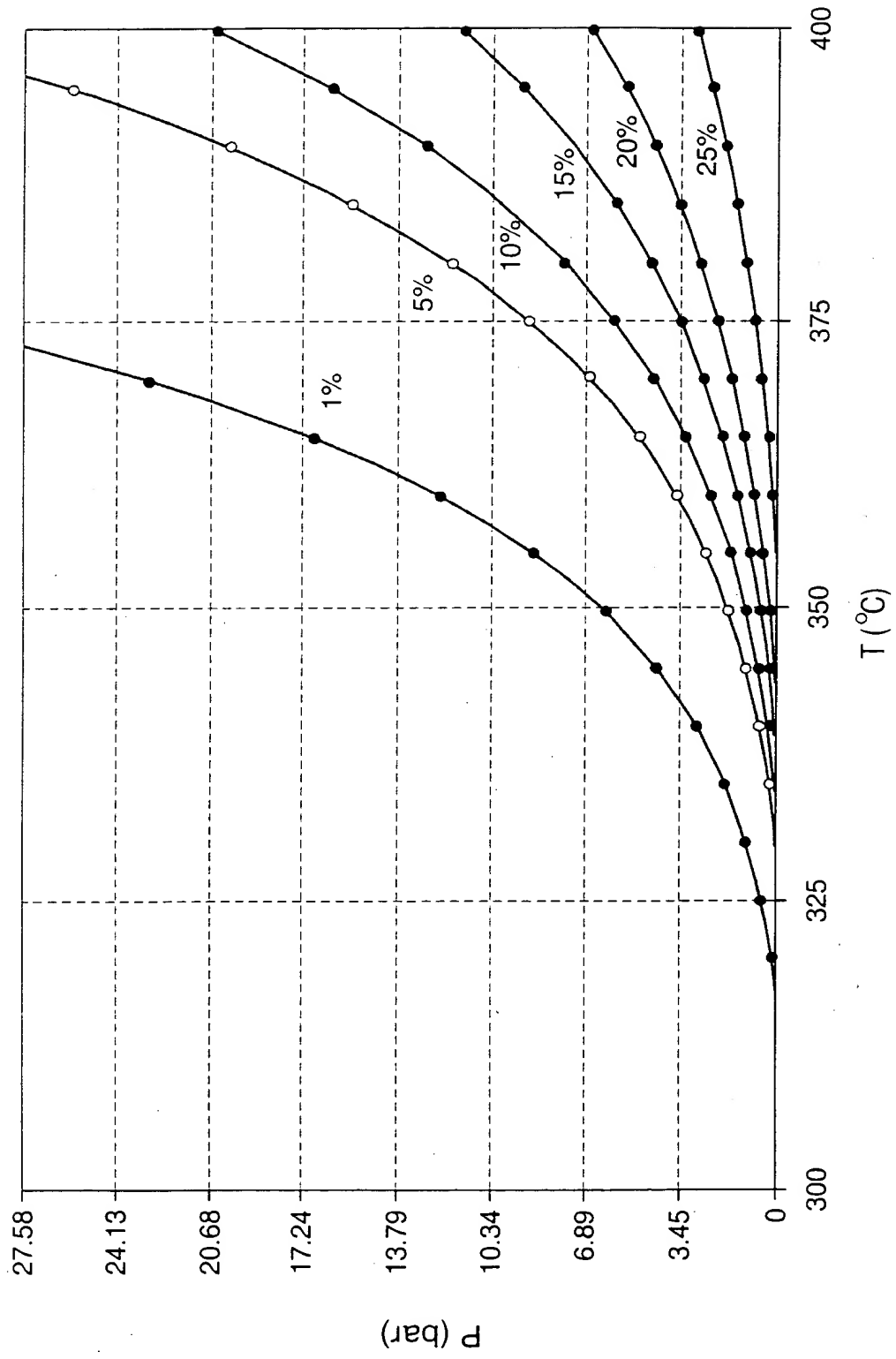


FIG. 90

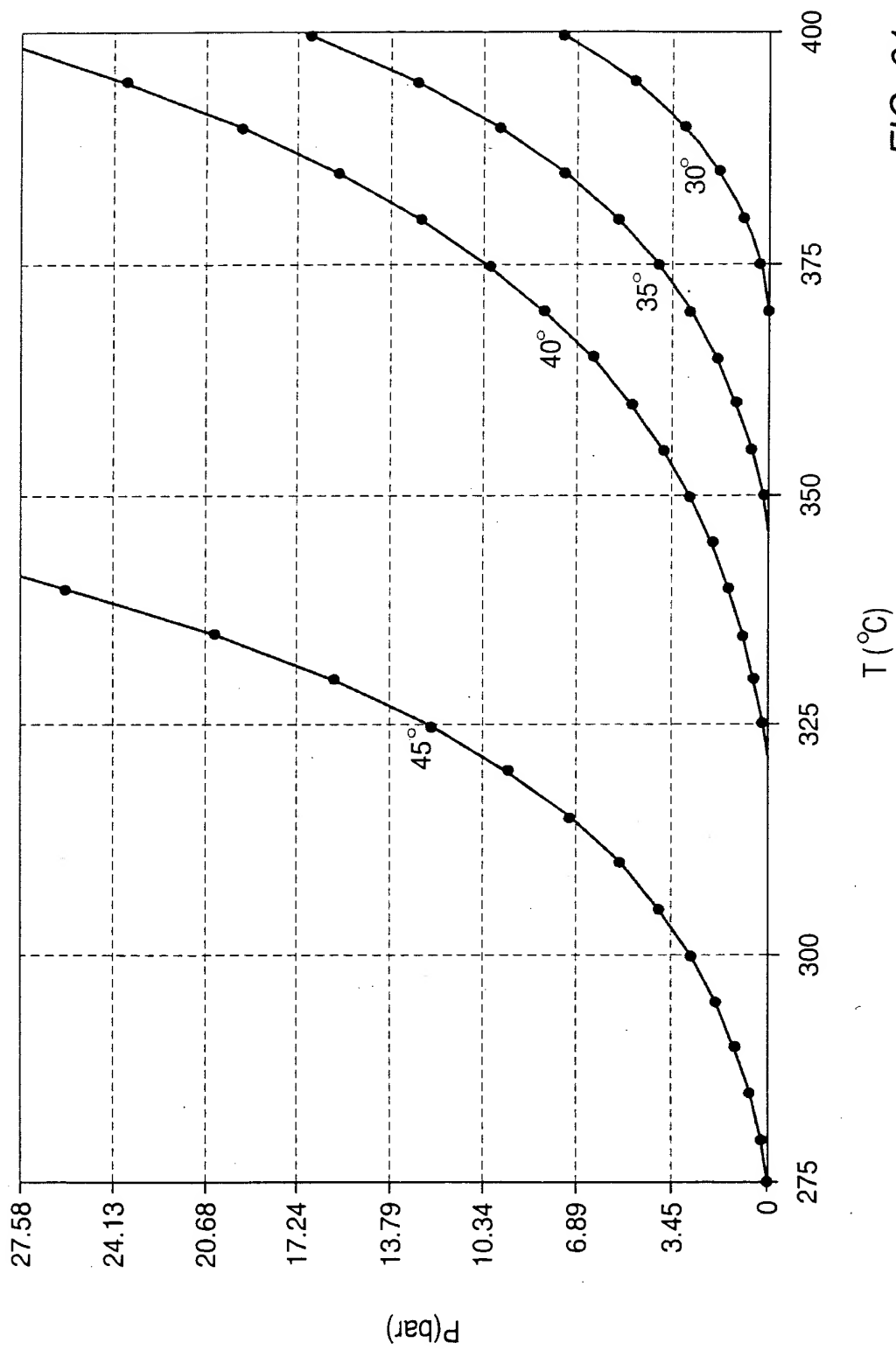


FIG. 91

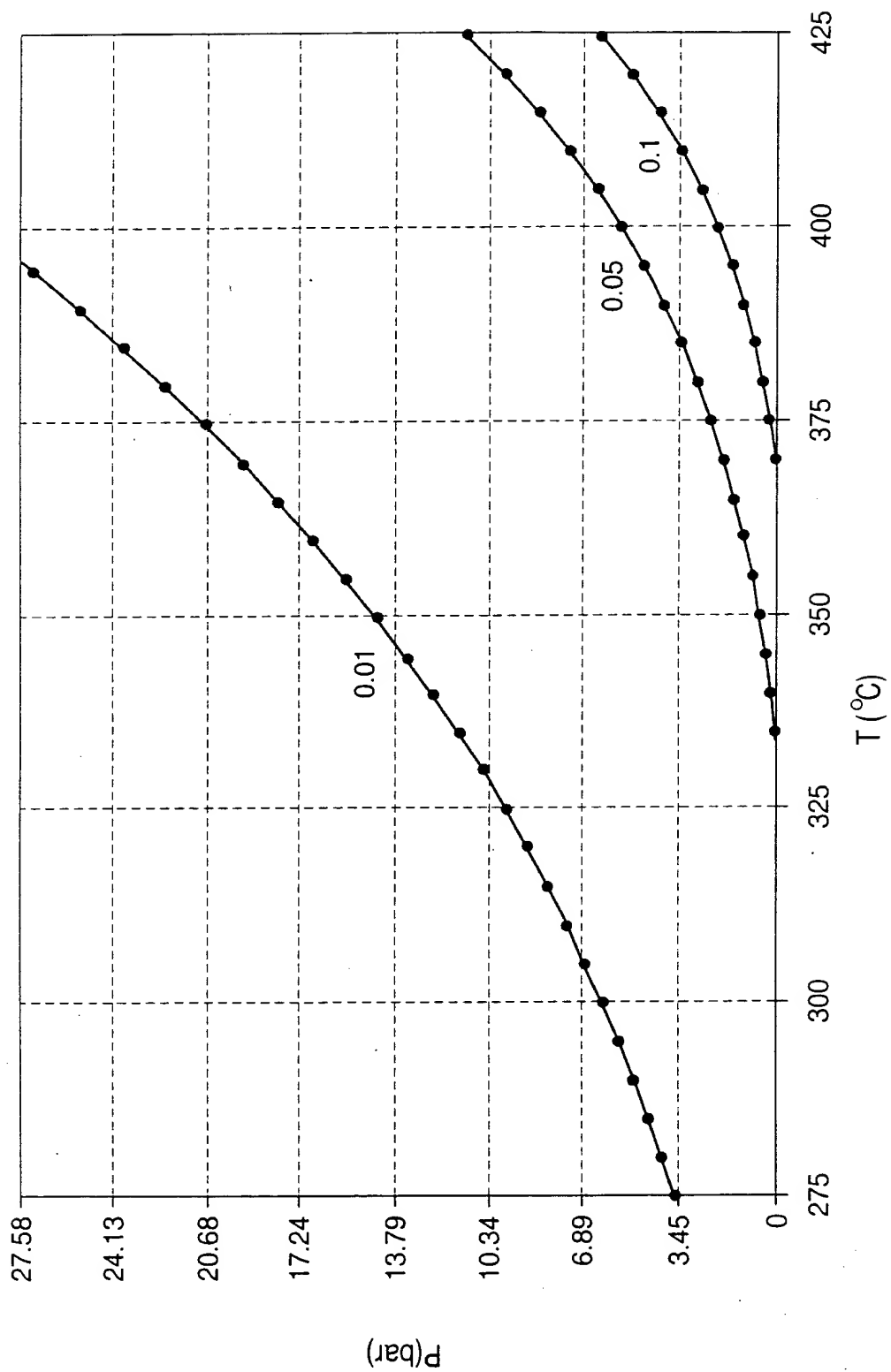


FIG. 92

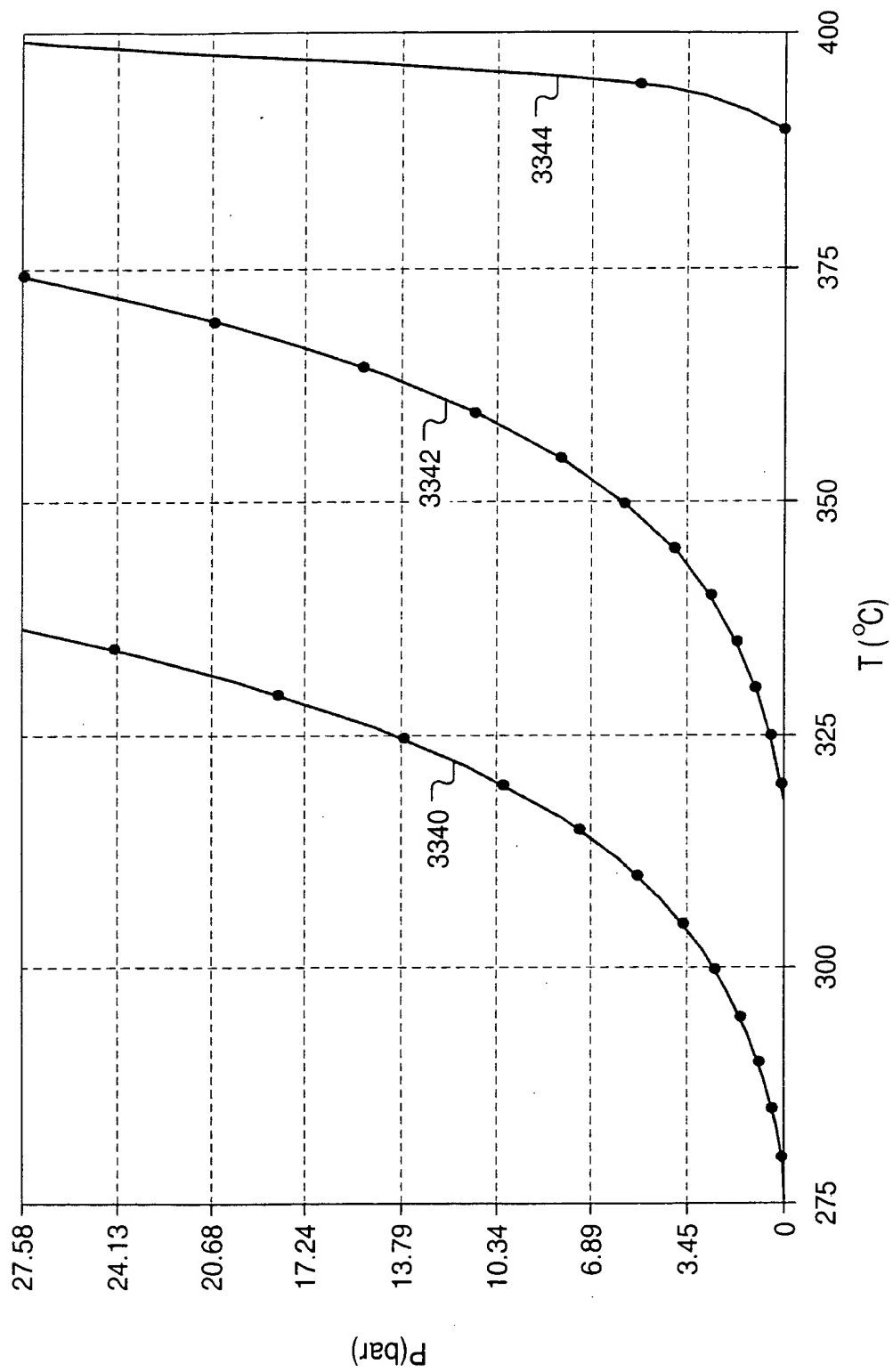


FIG. 93

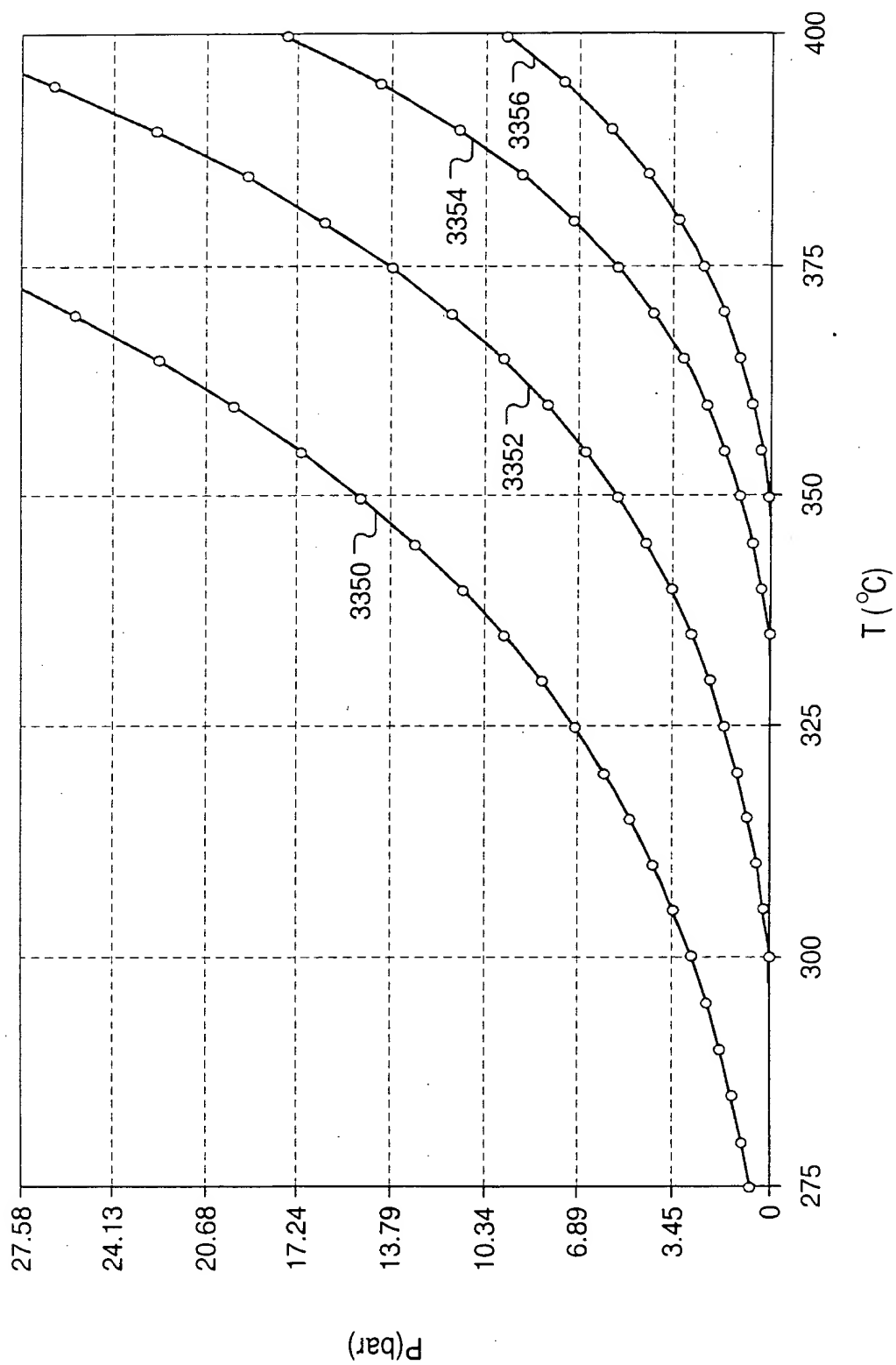


FIG. 94

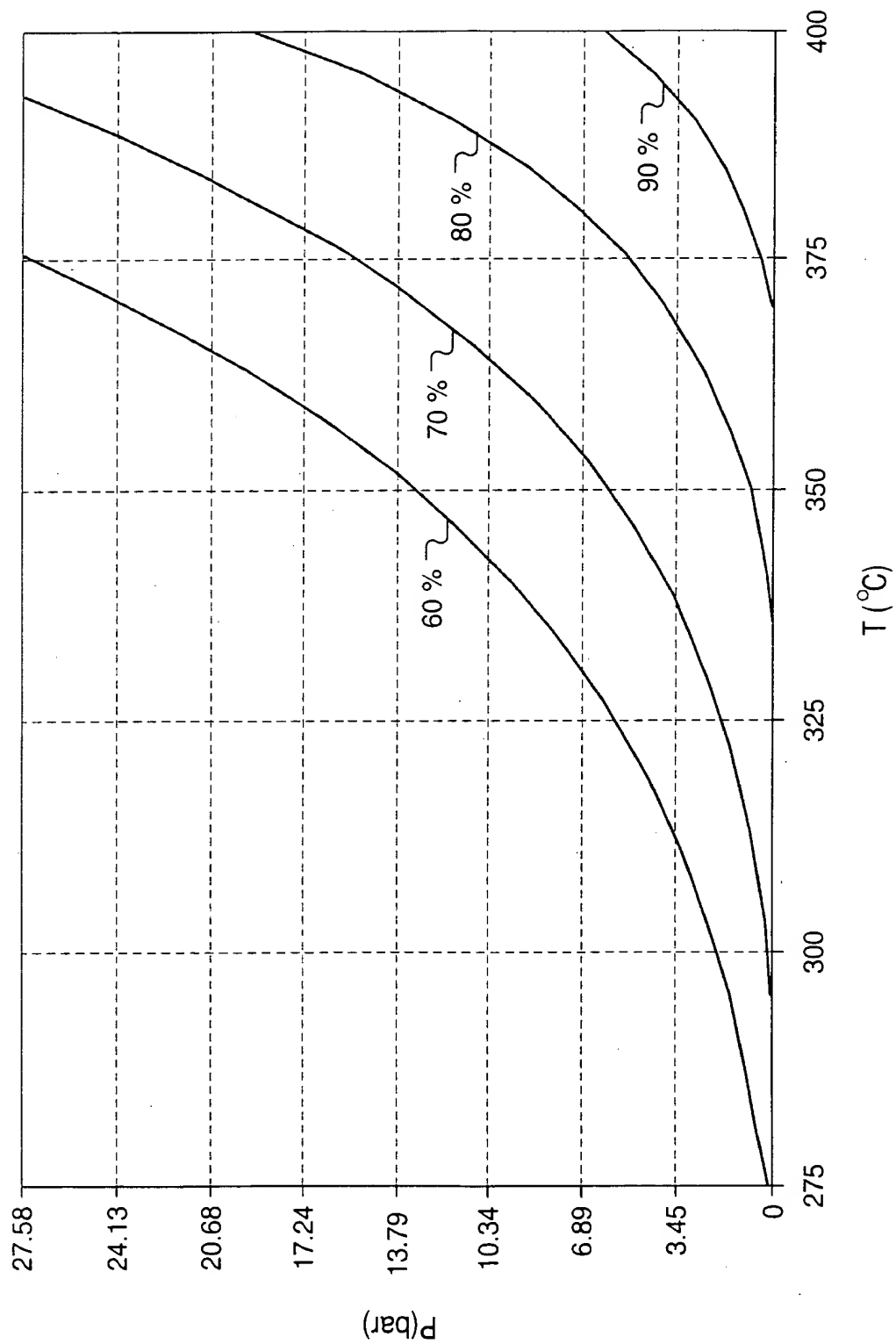


FIG. 95

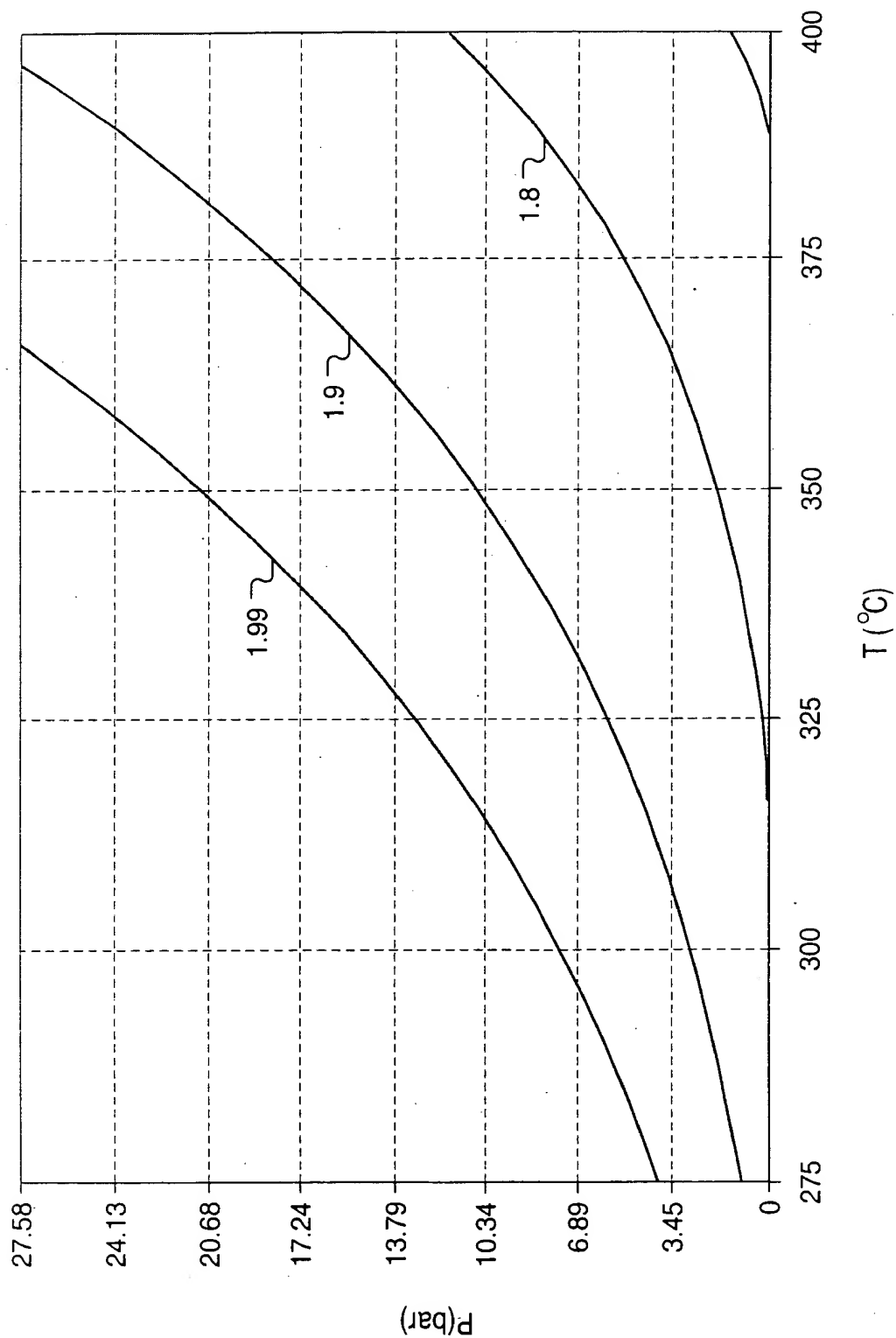


FIG. 96

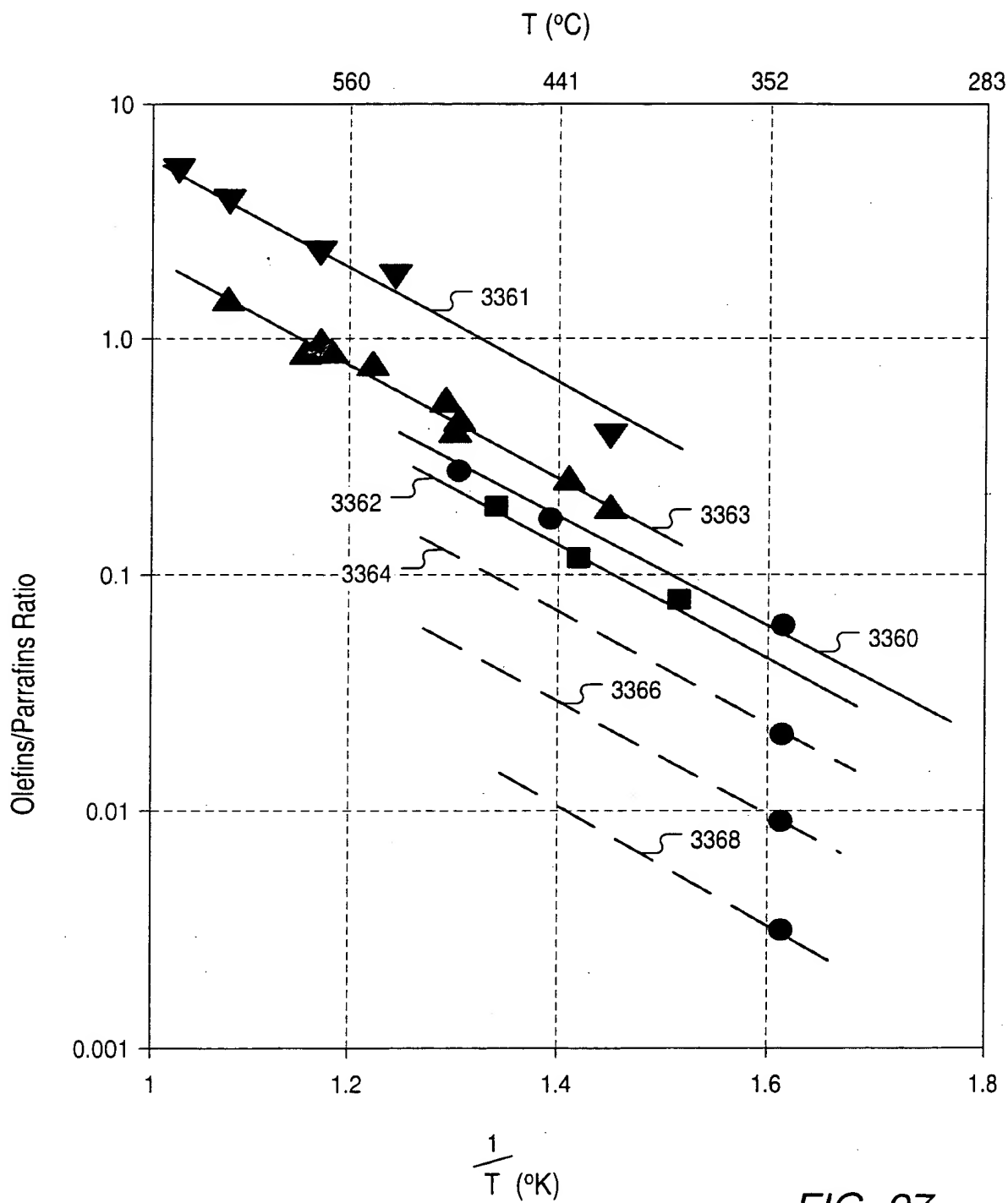


FIG. 97

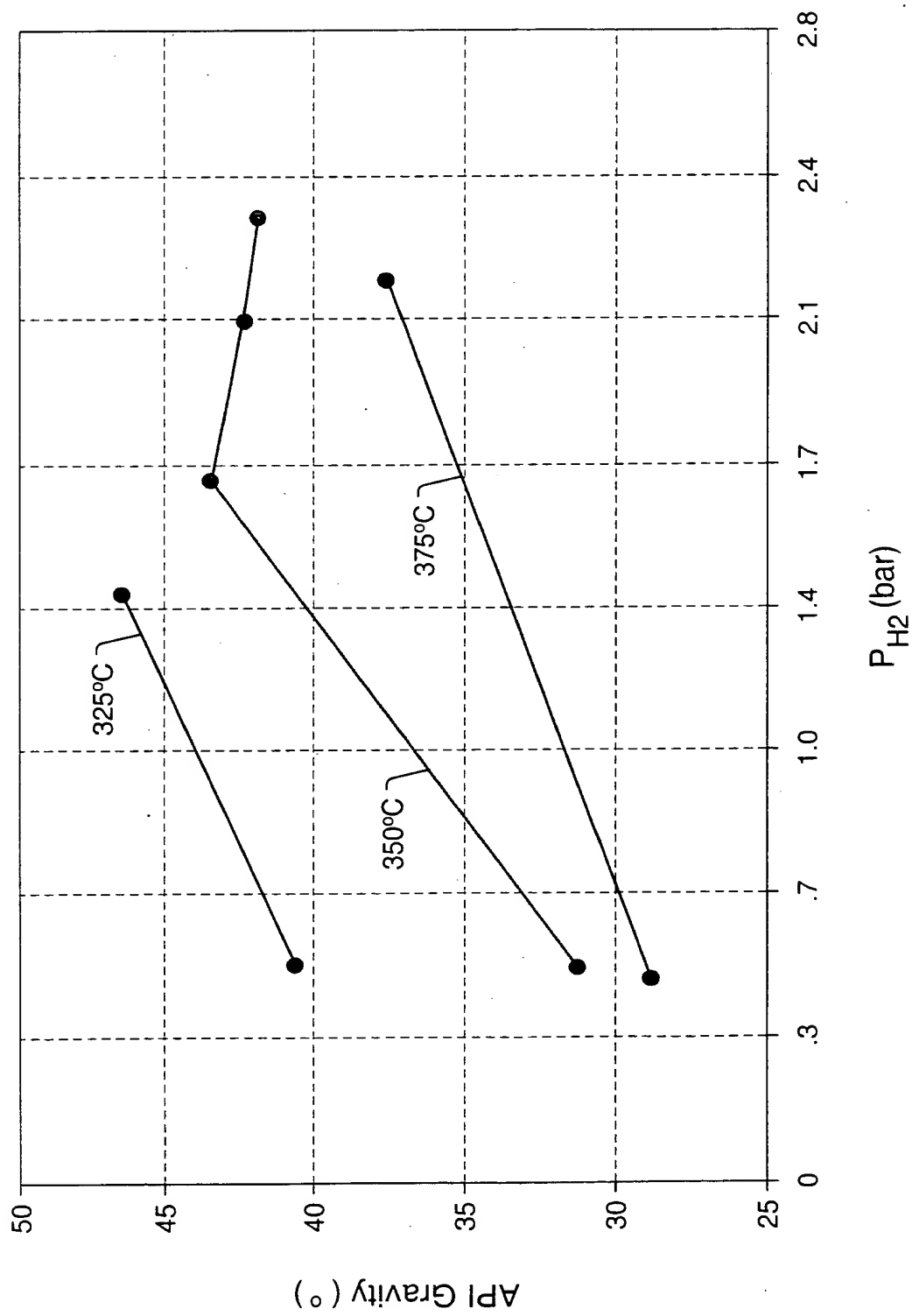


FIG. 98

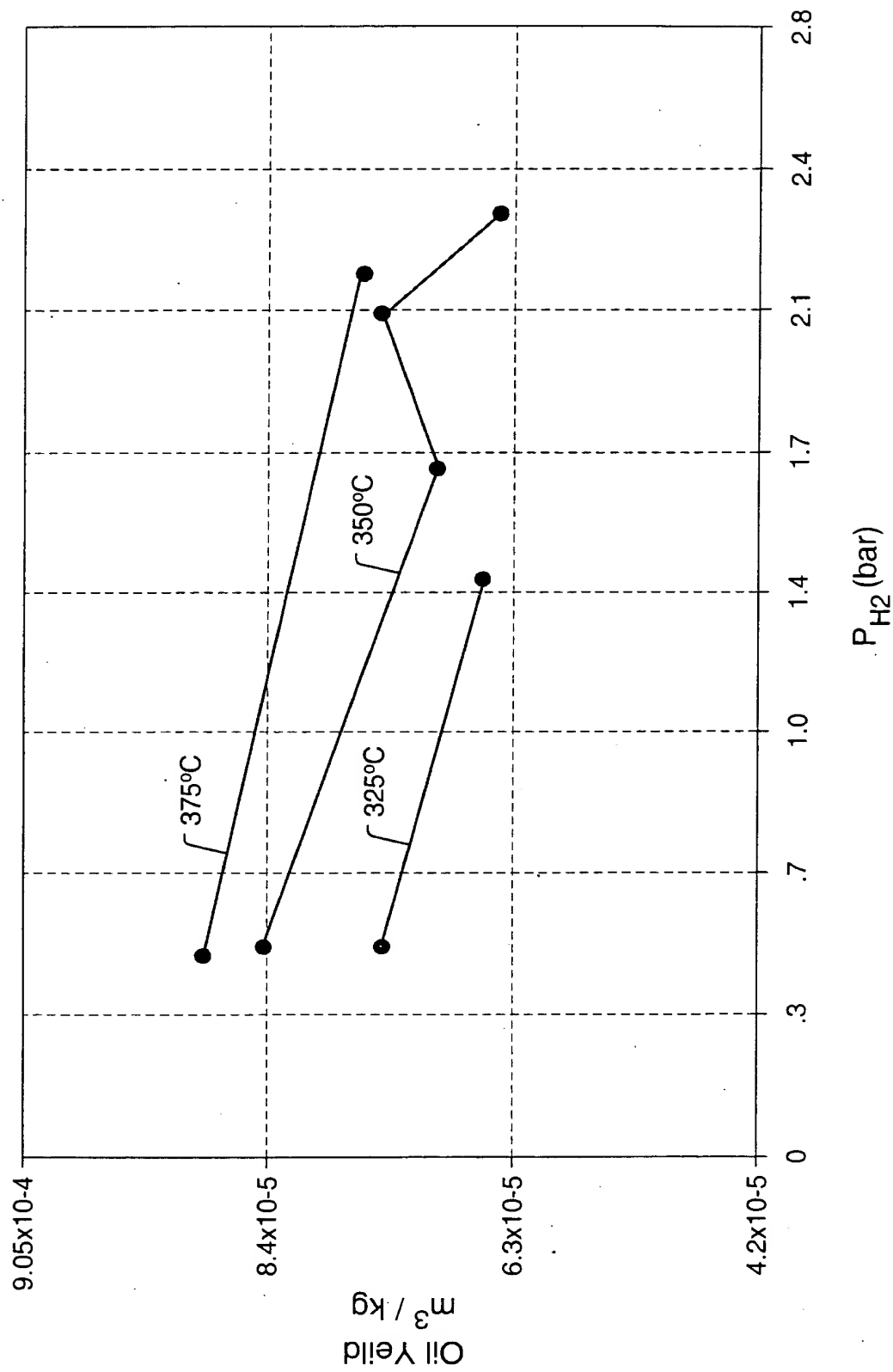


FIG. 99

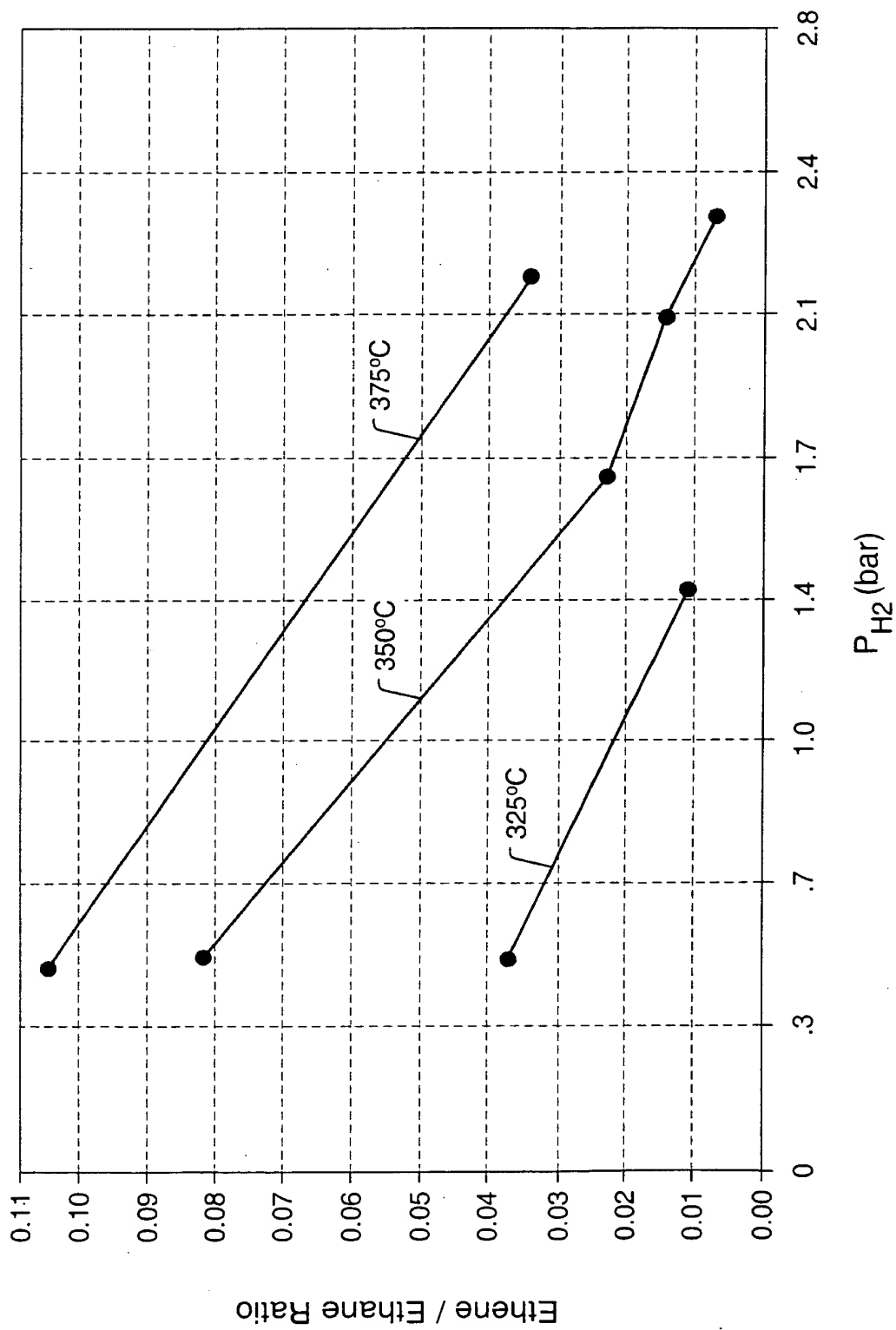


FIG. 100

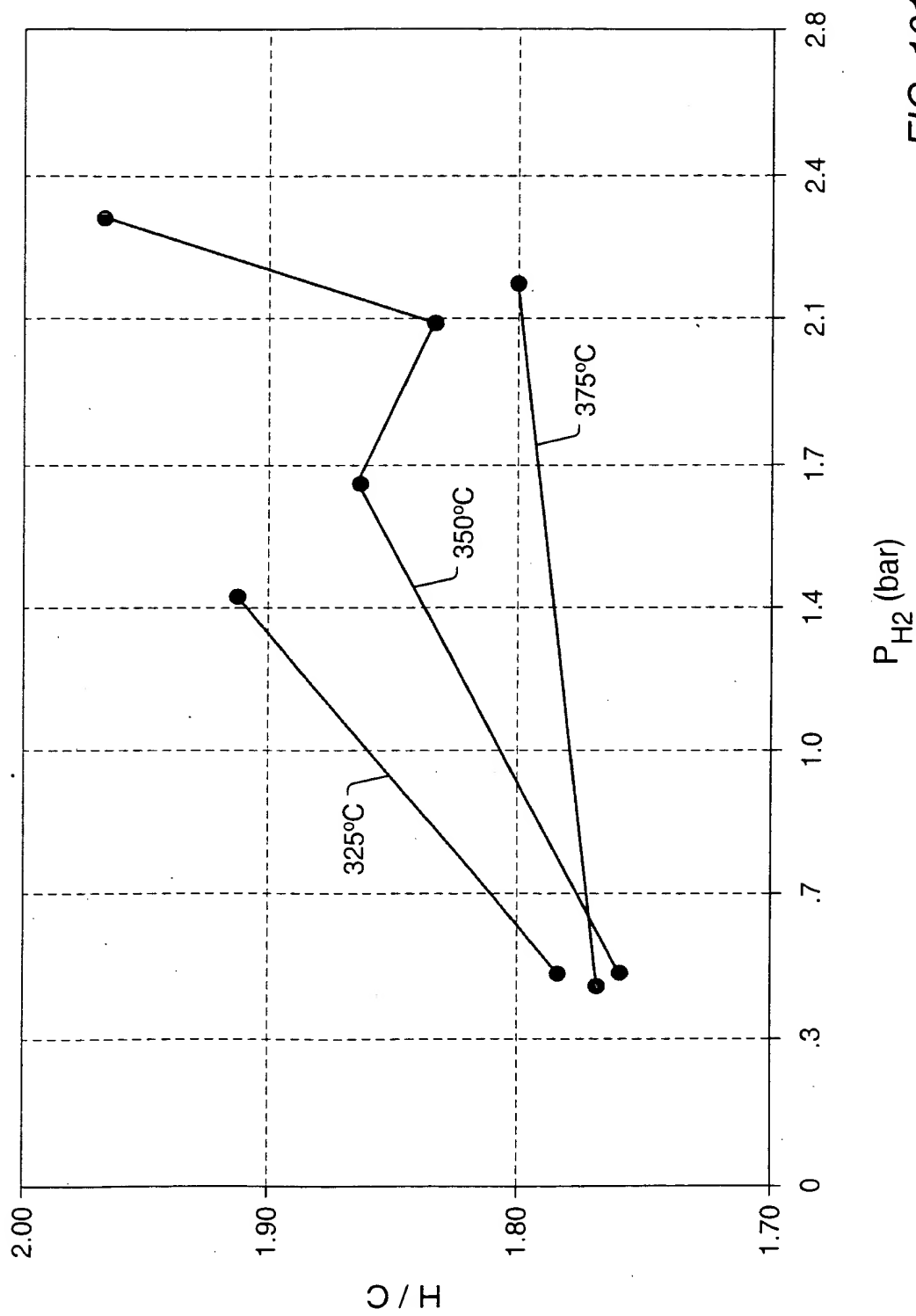


FIG. 101

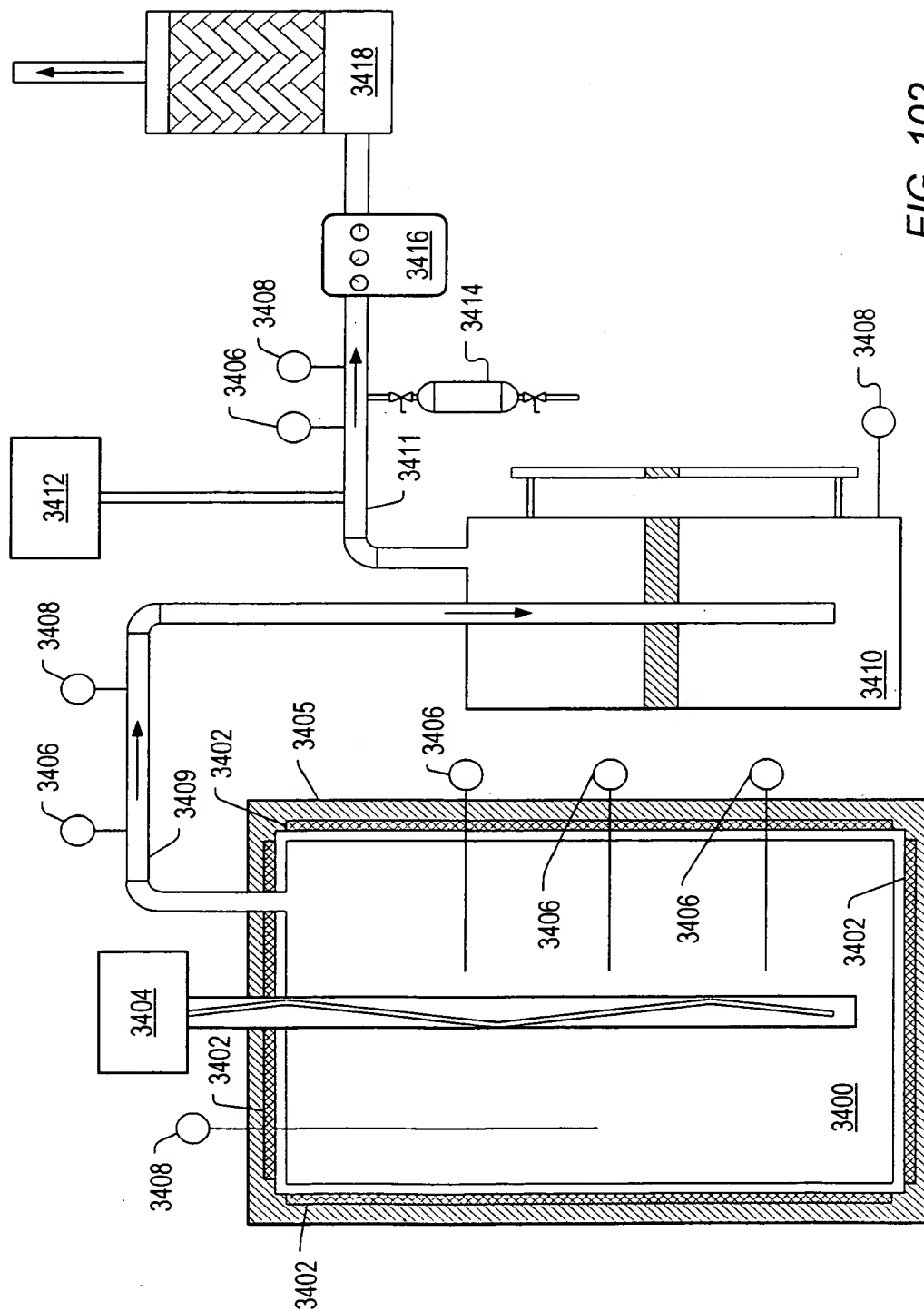


FIG. 102

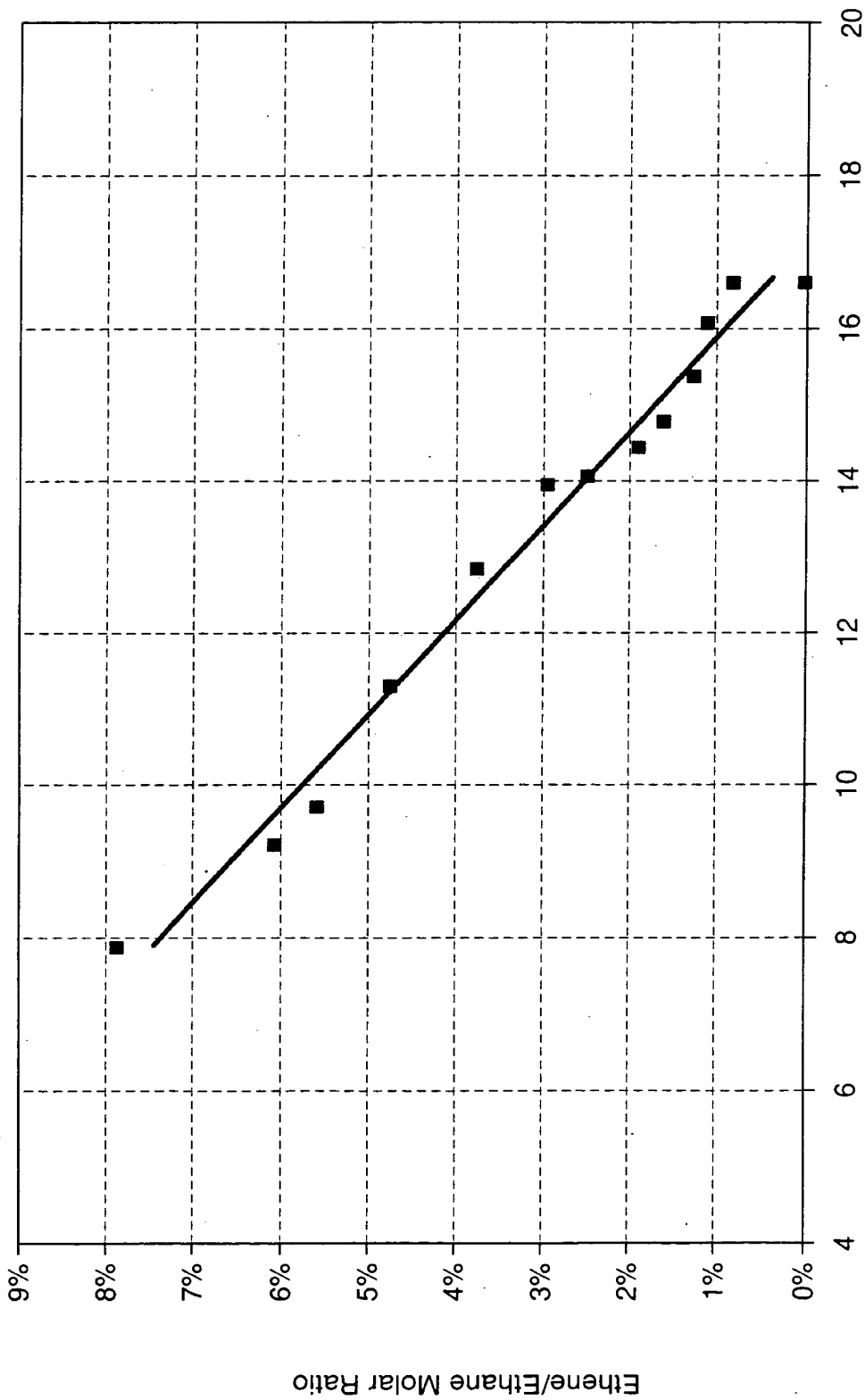
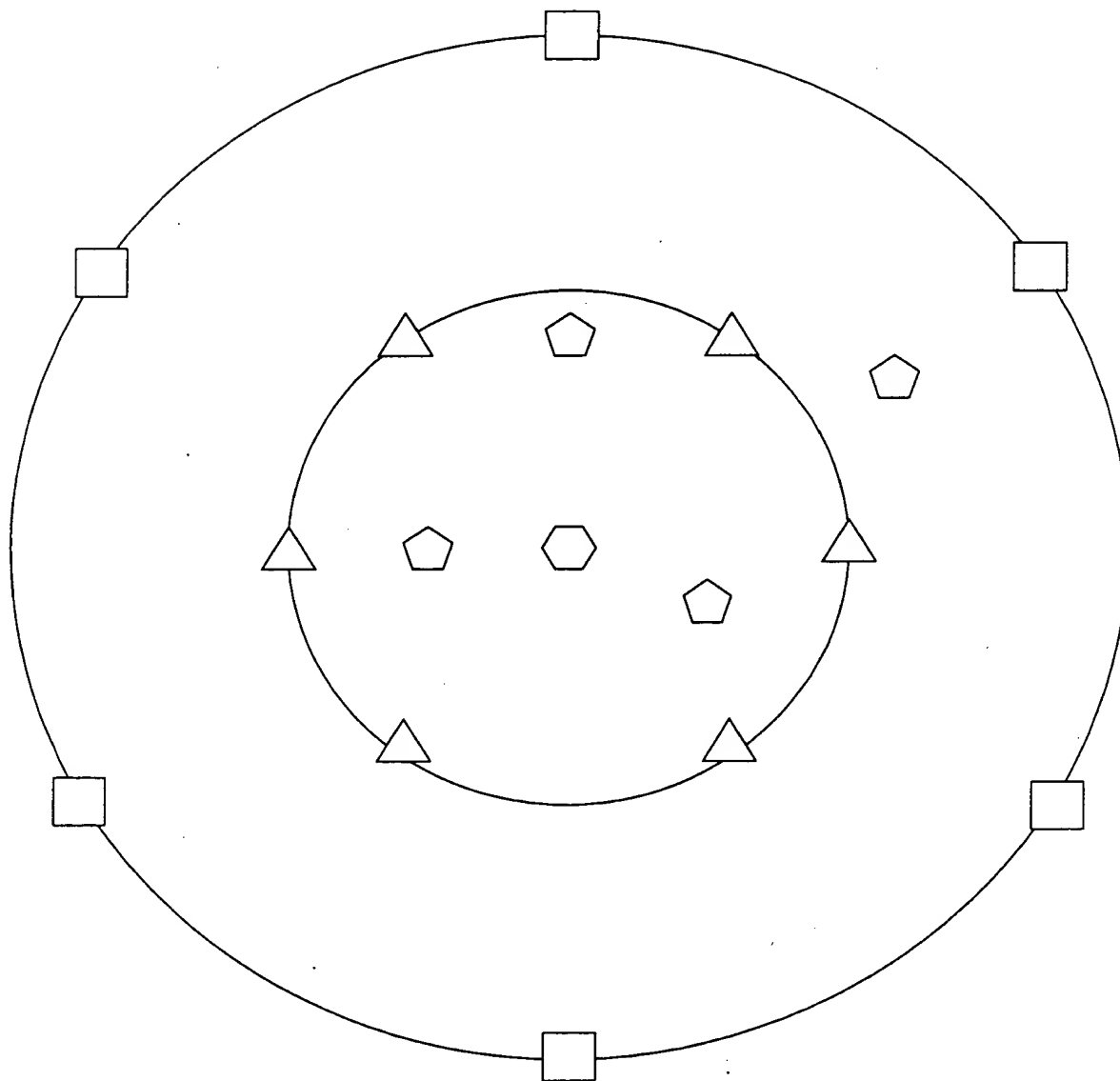
[illegible]

FIG. 103

FIG. 104



△ - 3600

◡ - 3603

□ - 3604

⬡ - 3602

FIG. 104

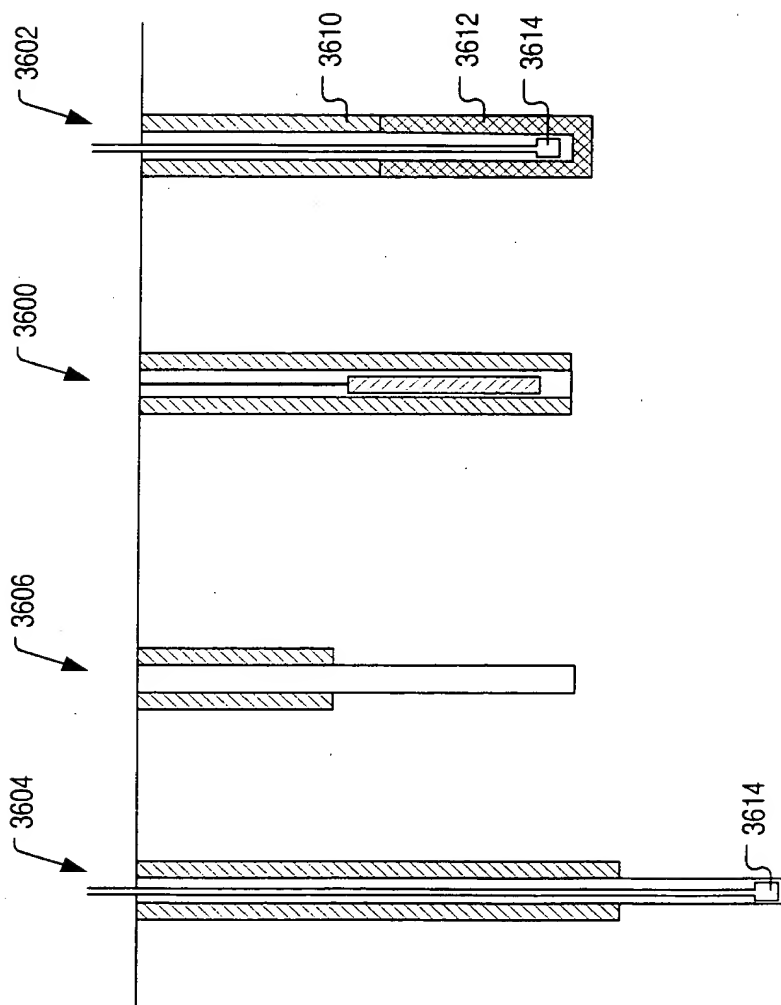


FIG. 105

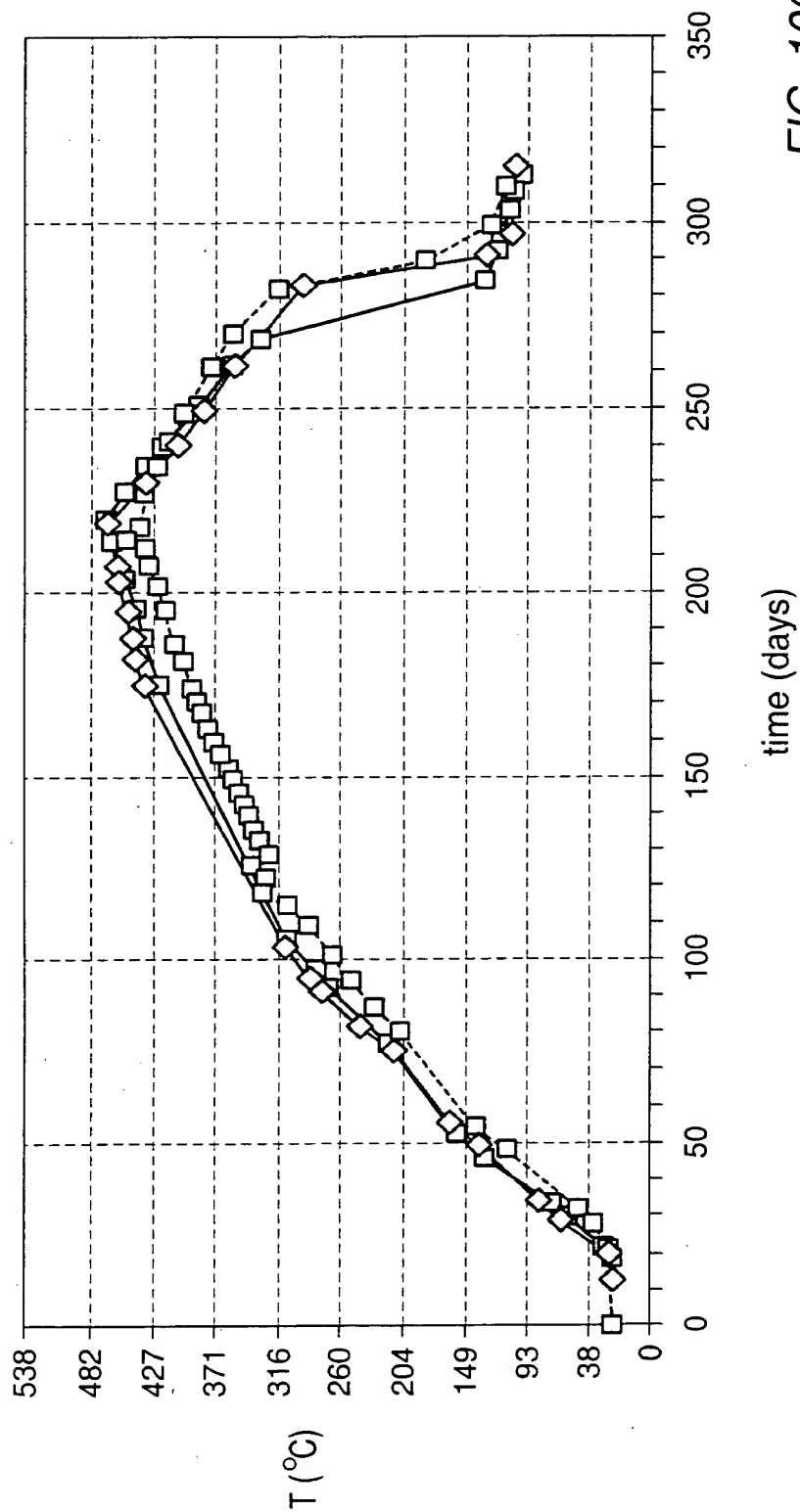


FIG. 106

FIG. 107

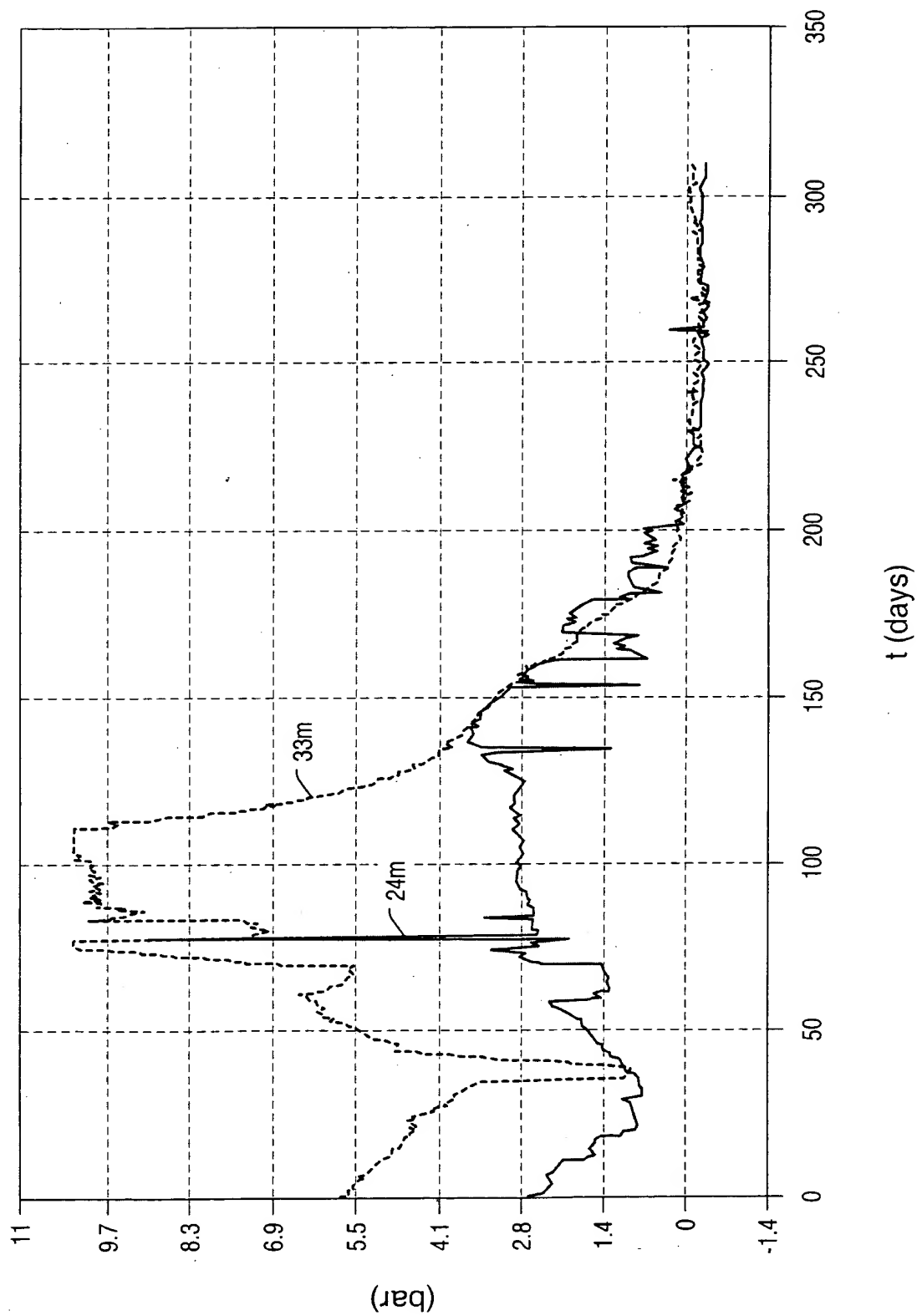


FIG. 107

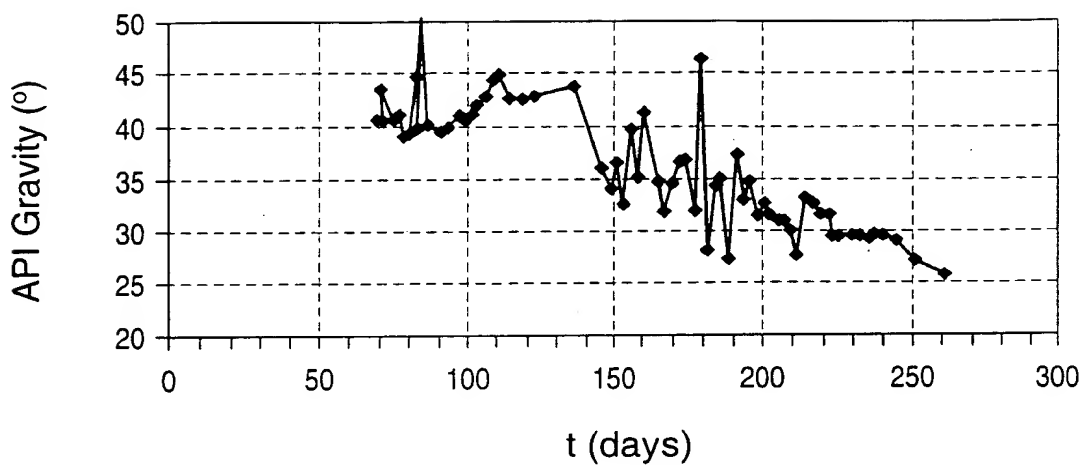


FIG. 108

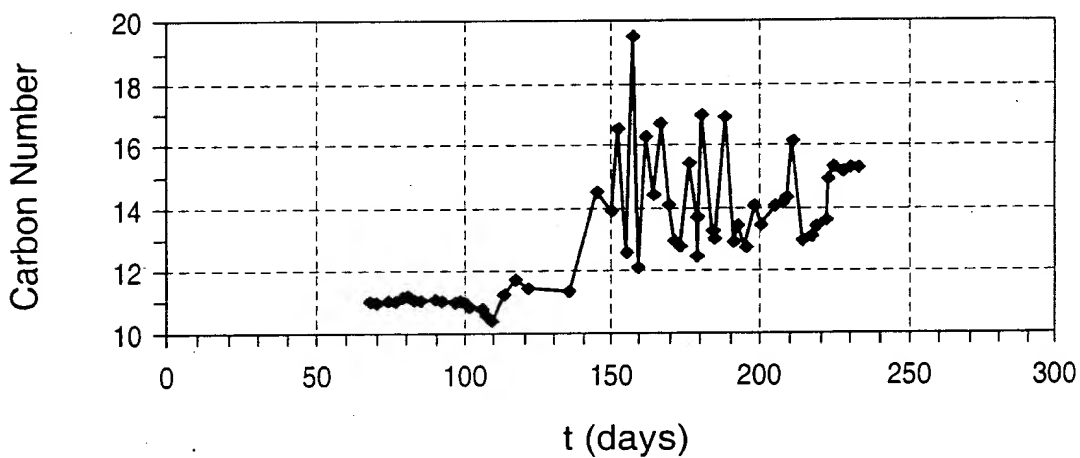


FIG. 109

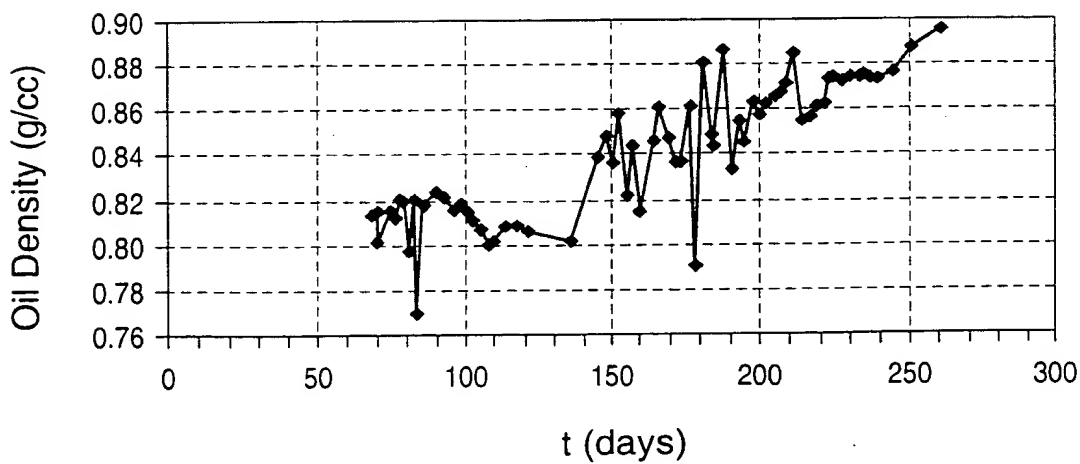


FIG. 110

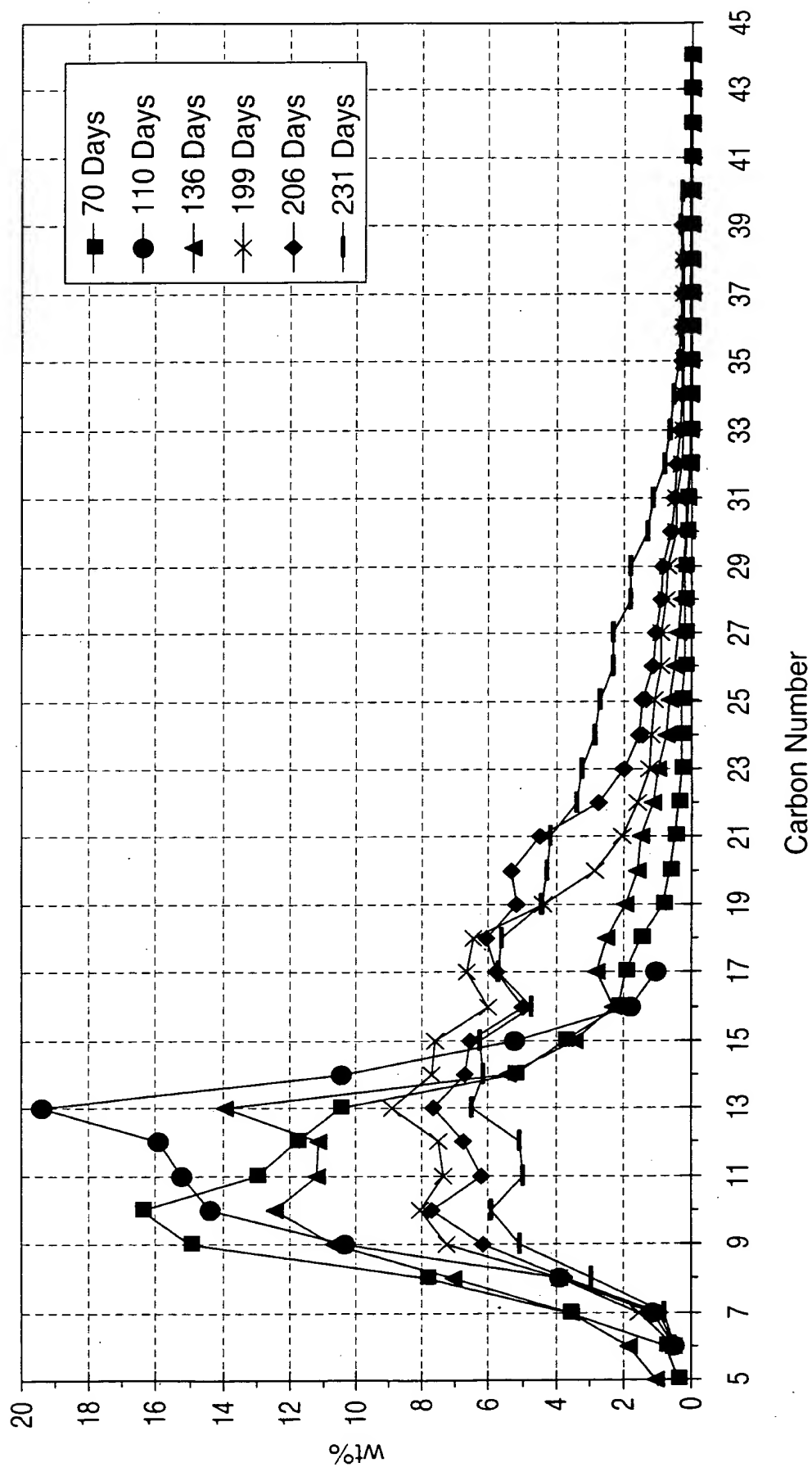


FIG. 111

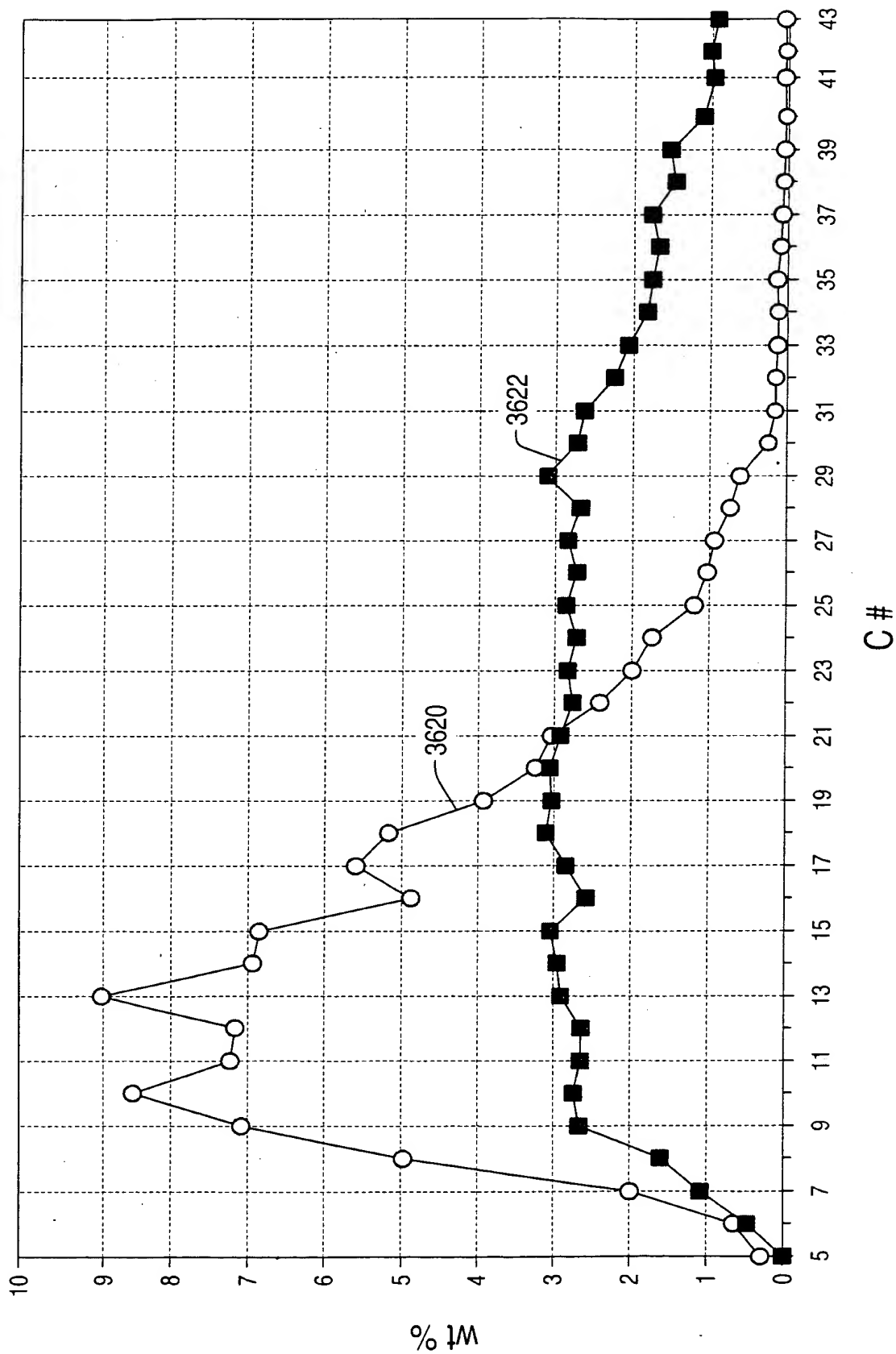


FIG. 112

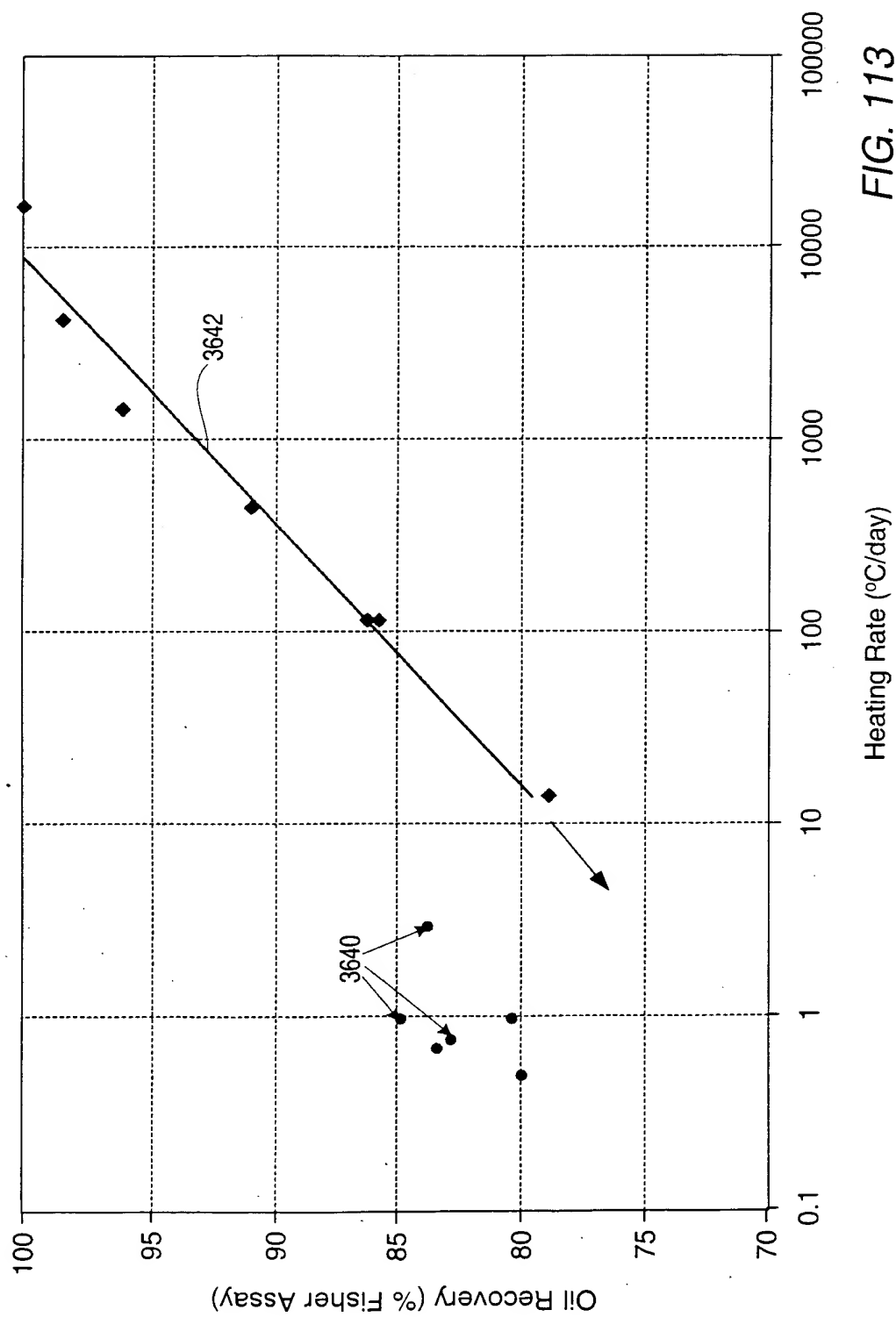


FIG. 113

701240" 00074000

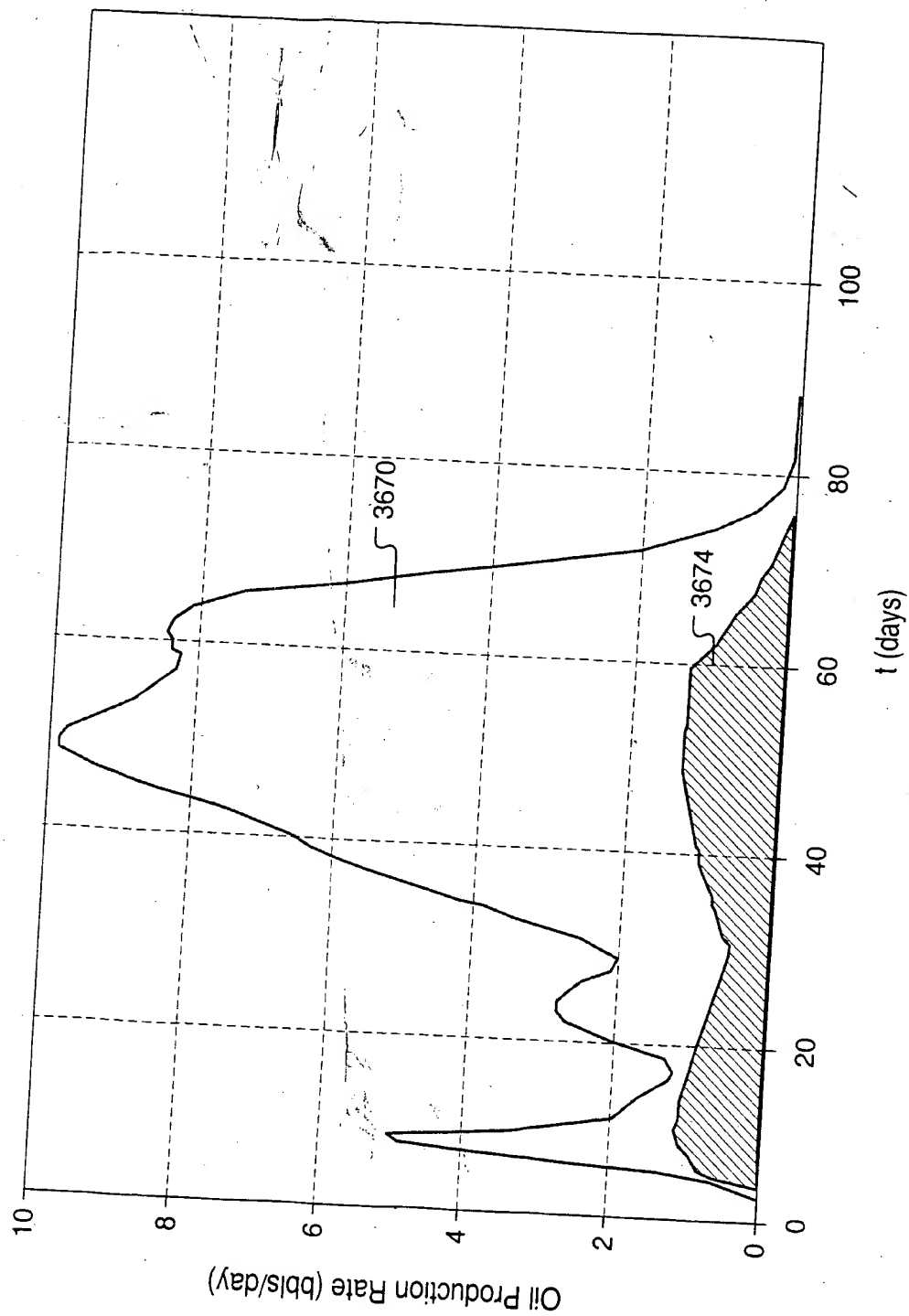


FIG. 114

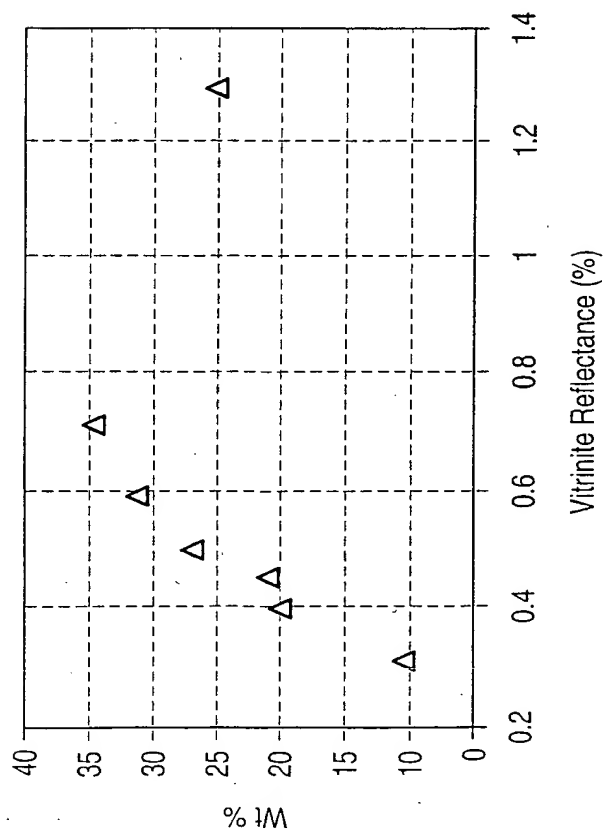


FIG. 115

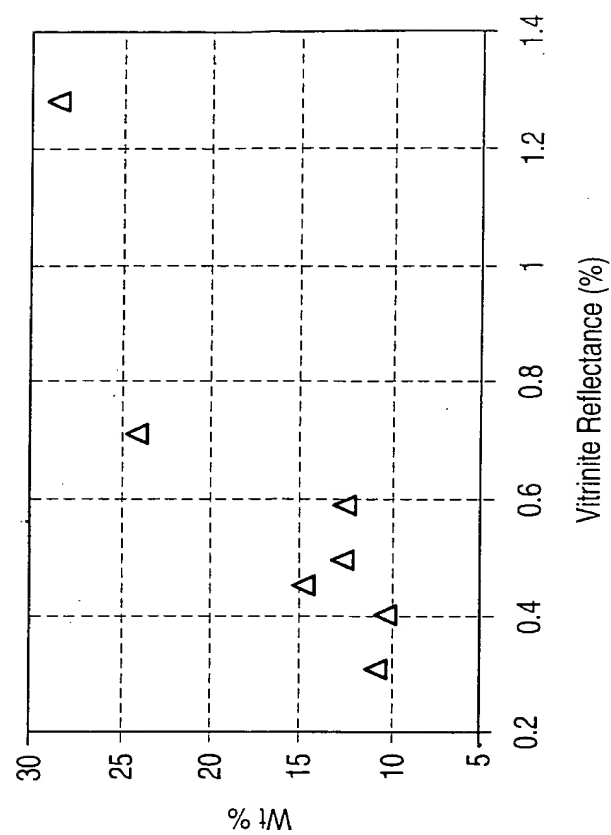


FIG. 116

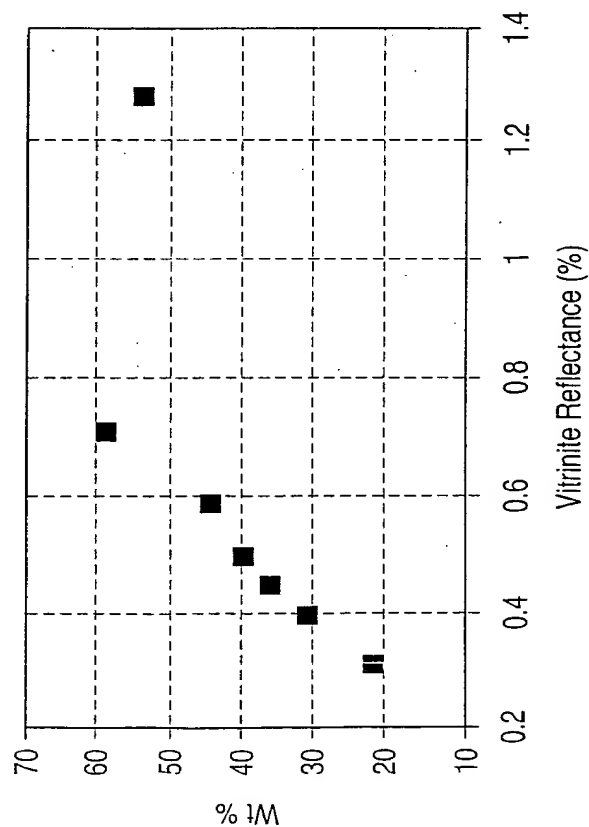


FIG. 117

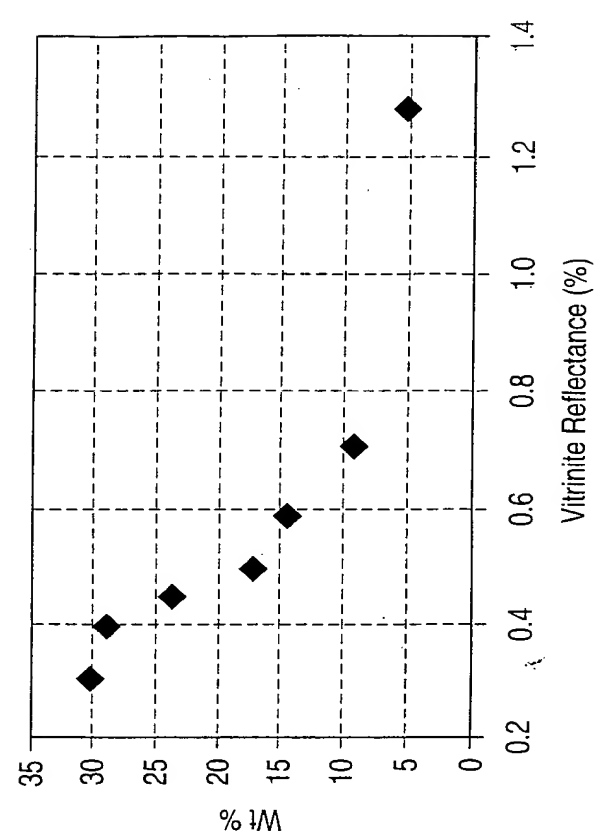


FIG. 118

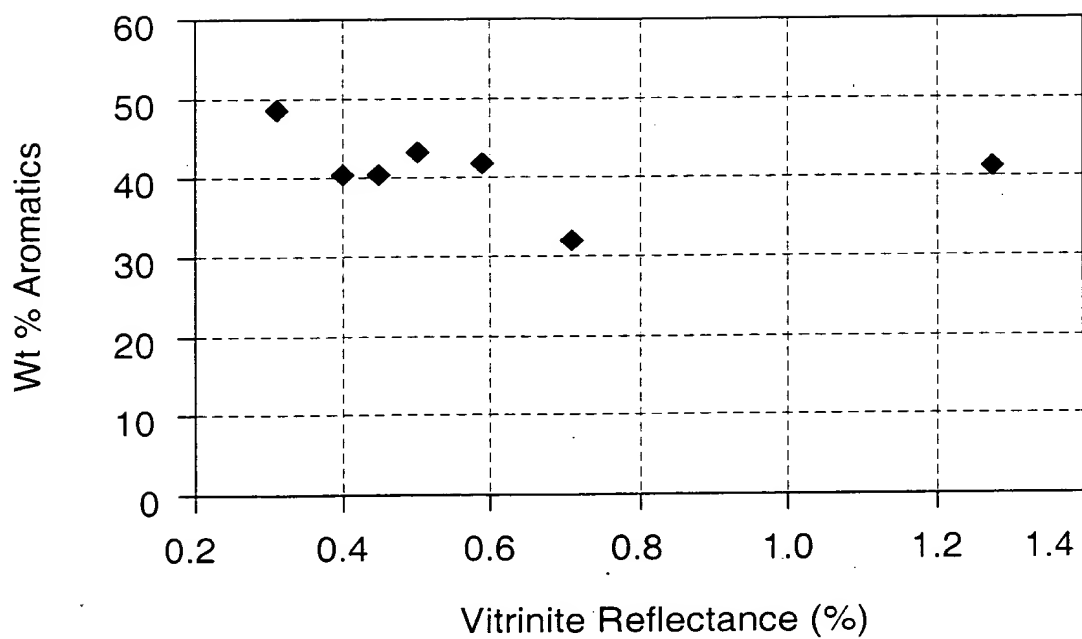


FIG. 119

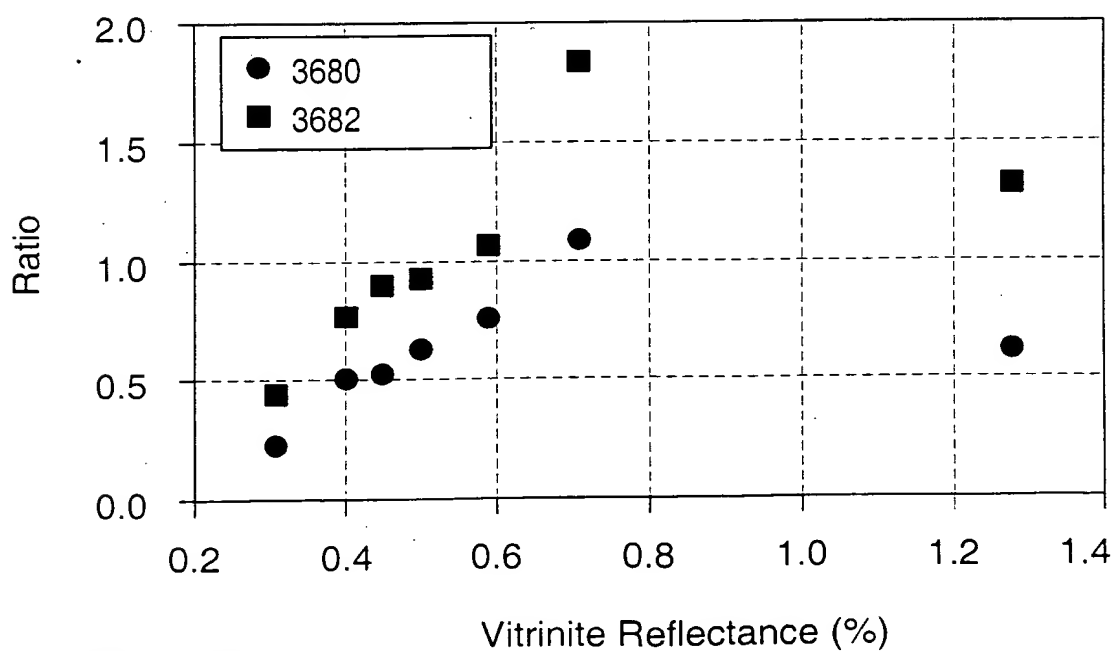
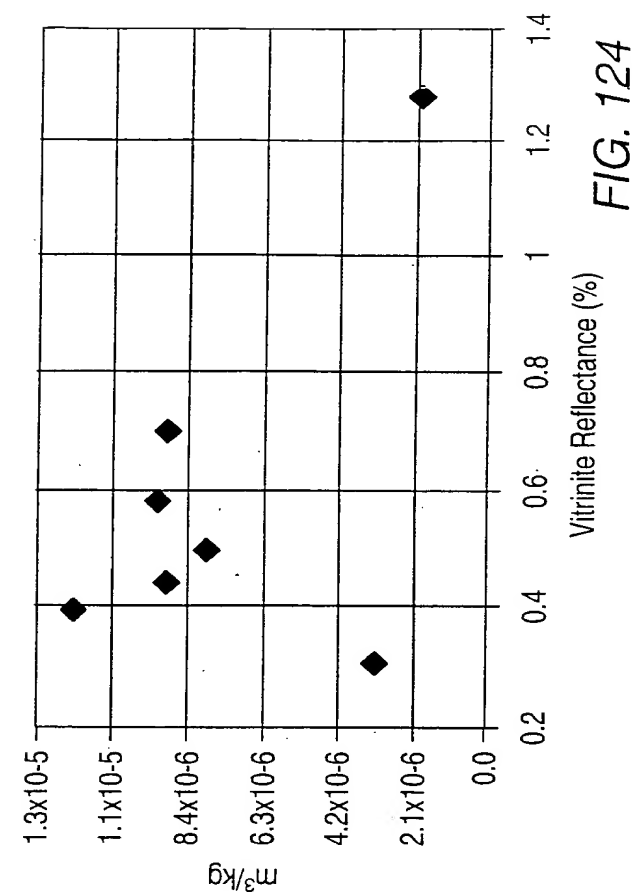
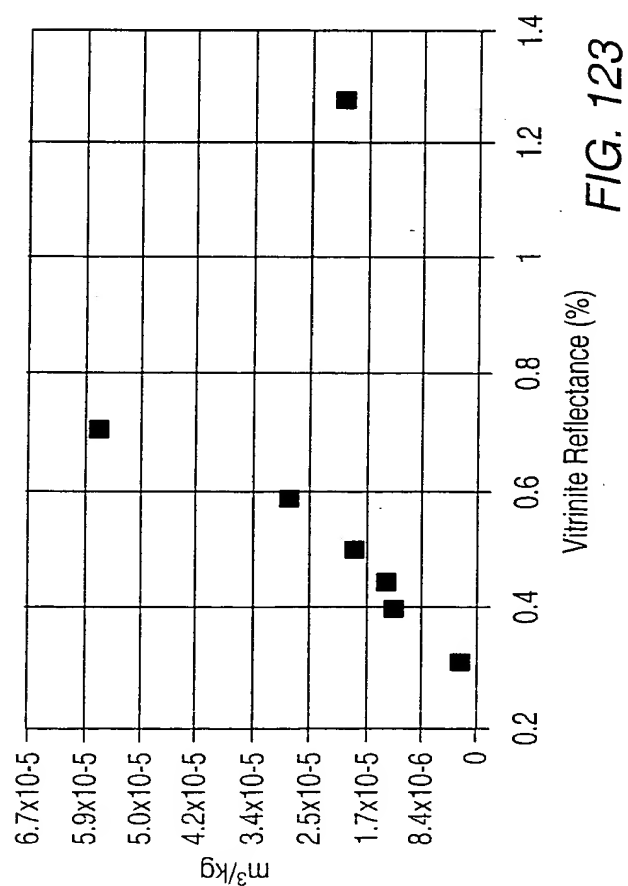
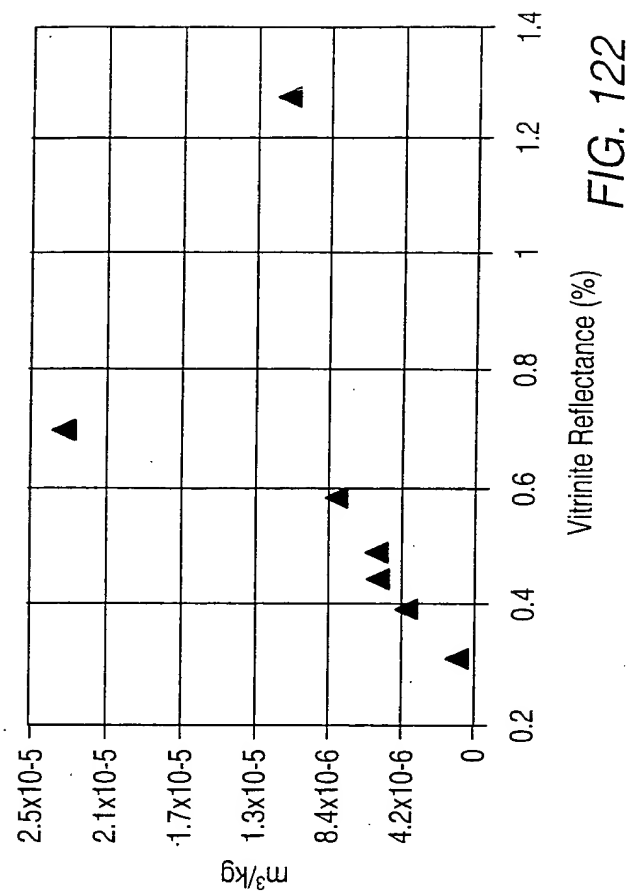
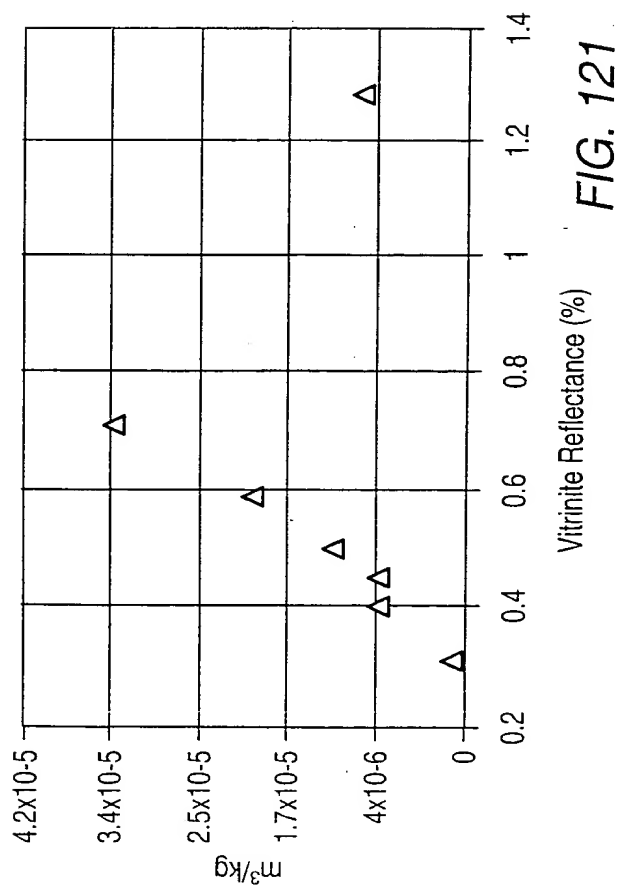


FIG. 120



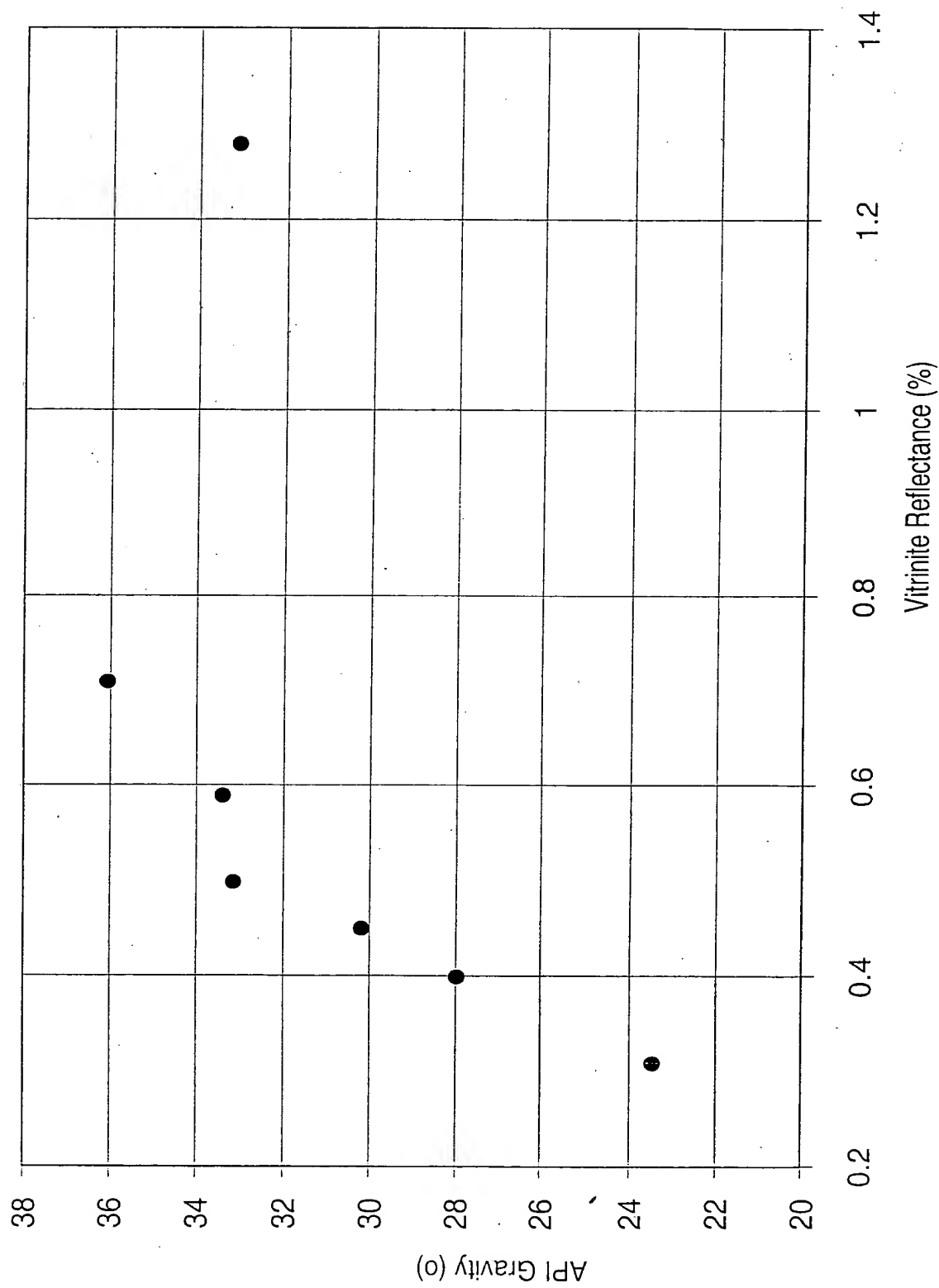
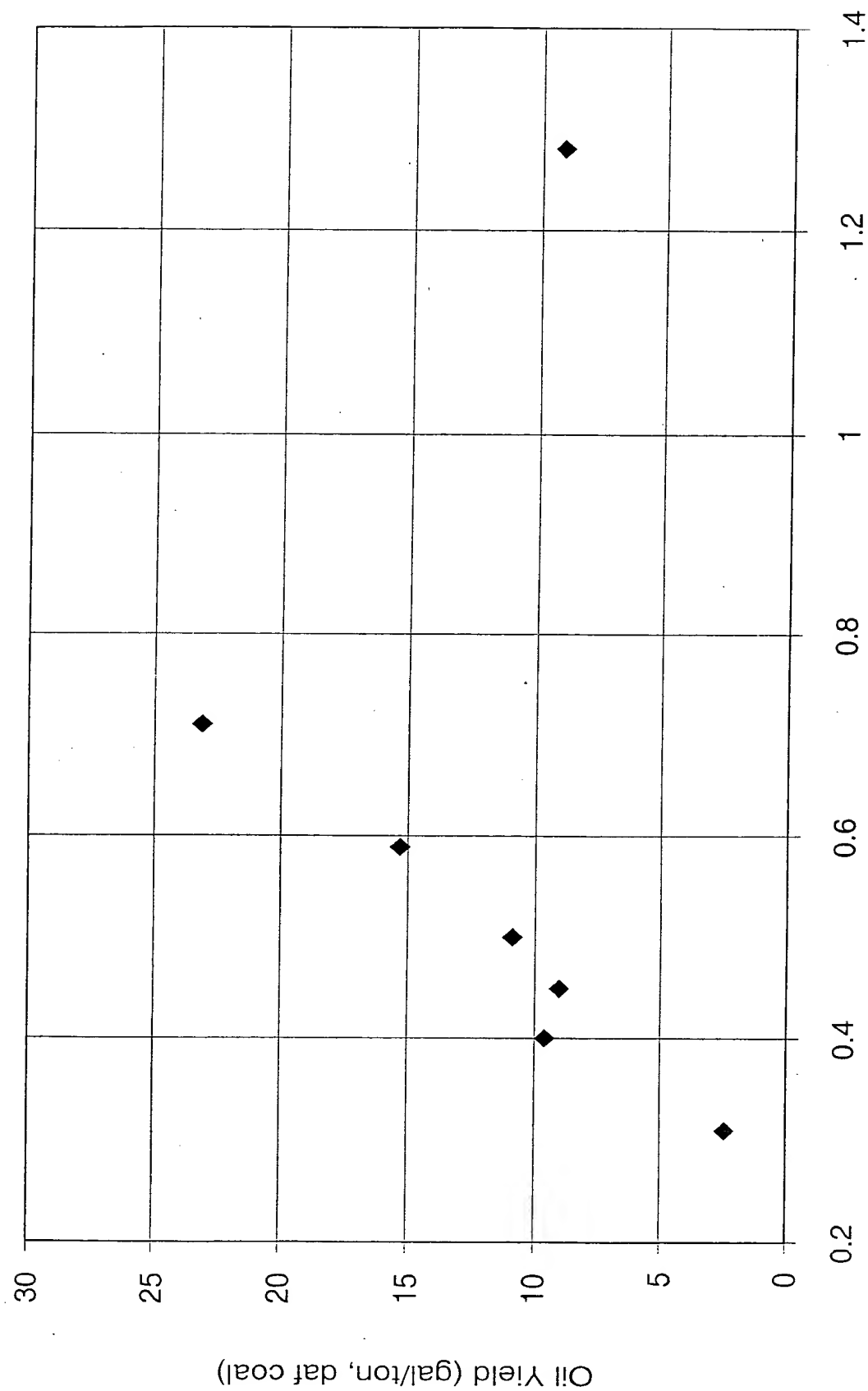


FIG. 125



Vitrinite Reflectance (%)

FIG. 126

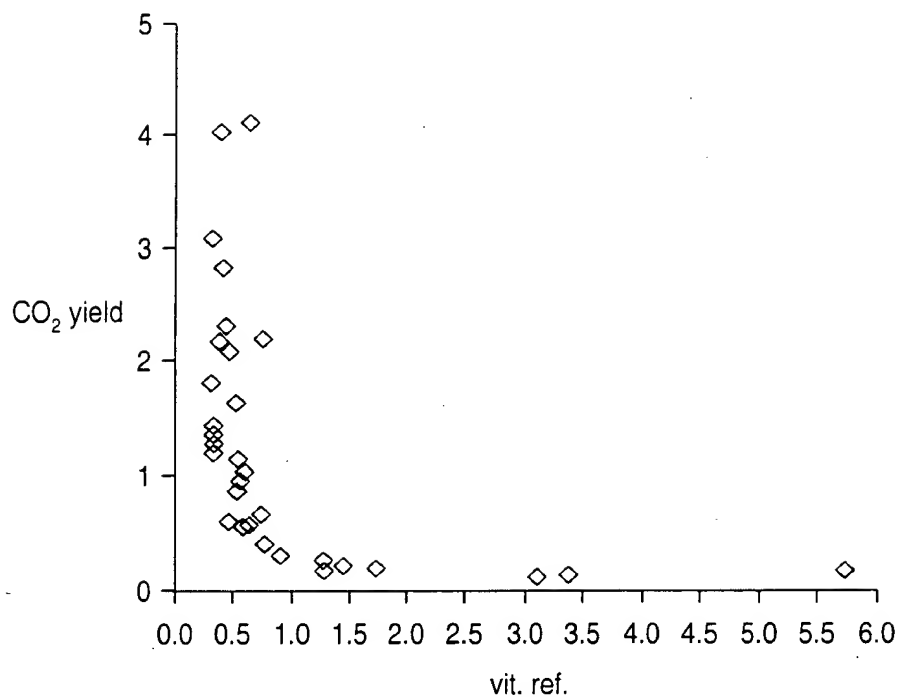


FIG. 127

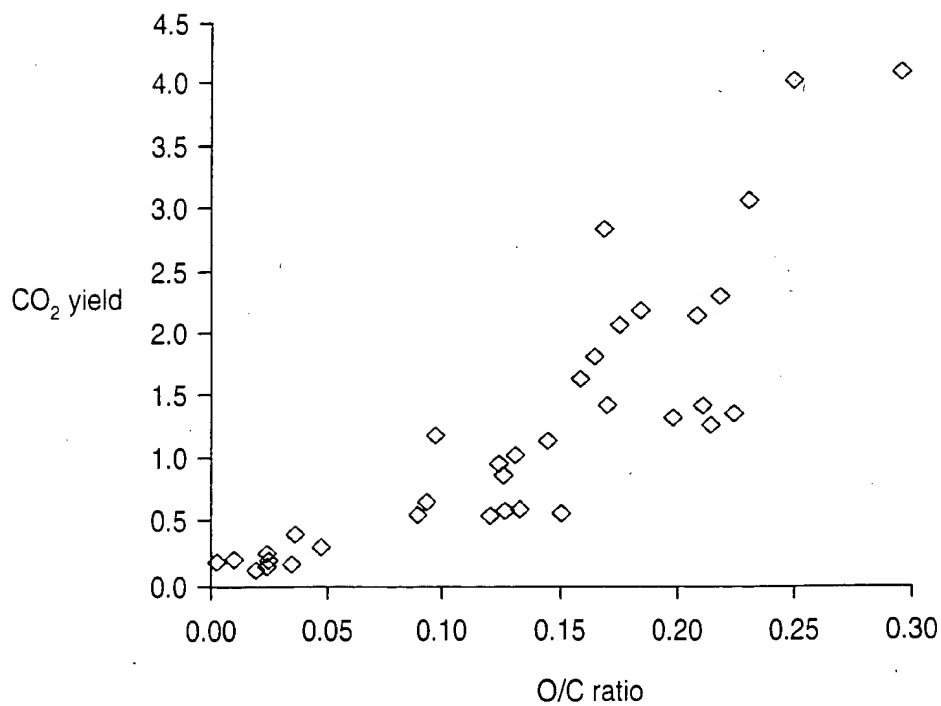


FIG. 128

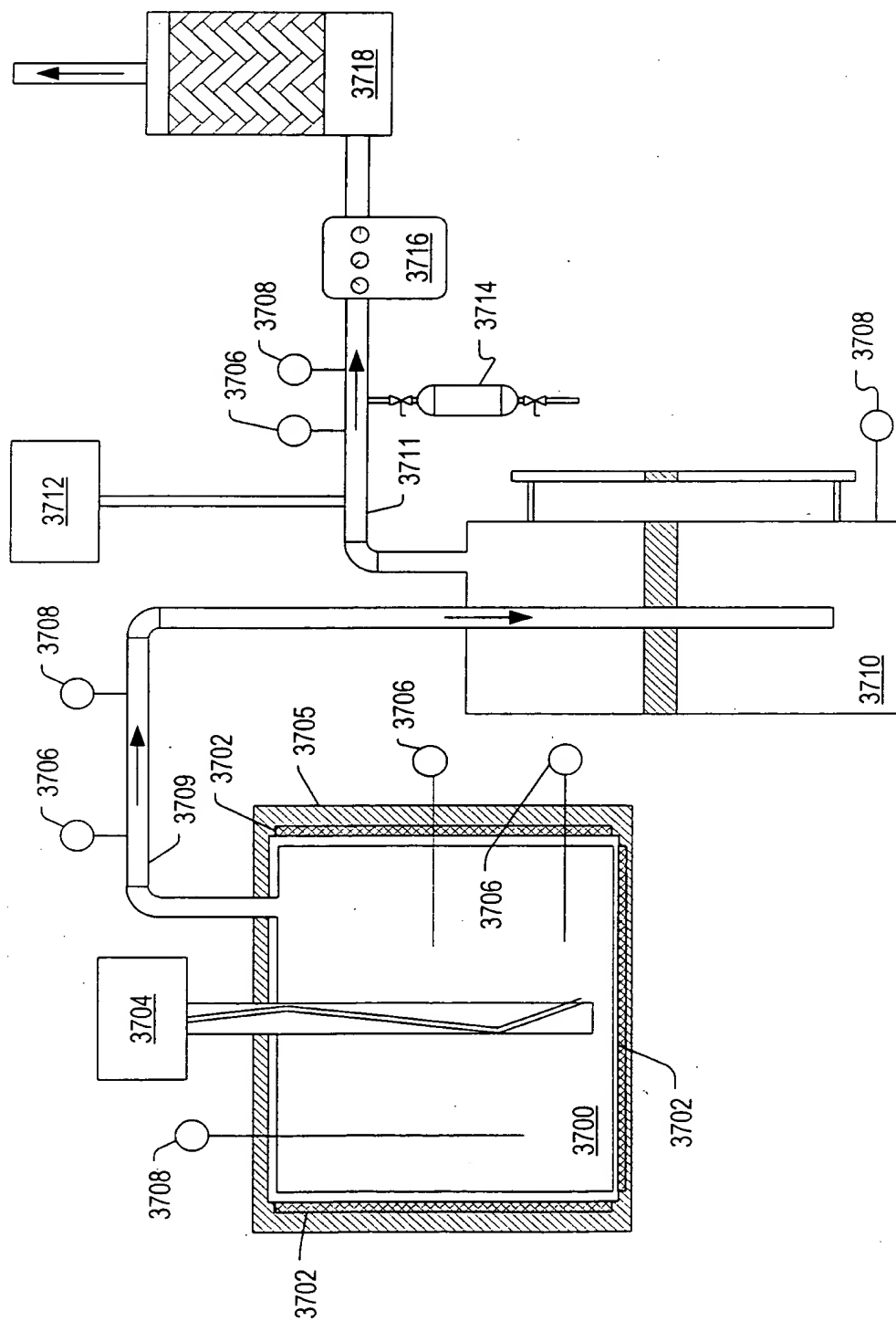


FIG. 129

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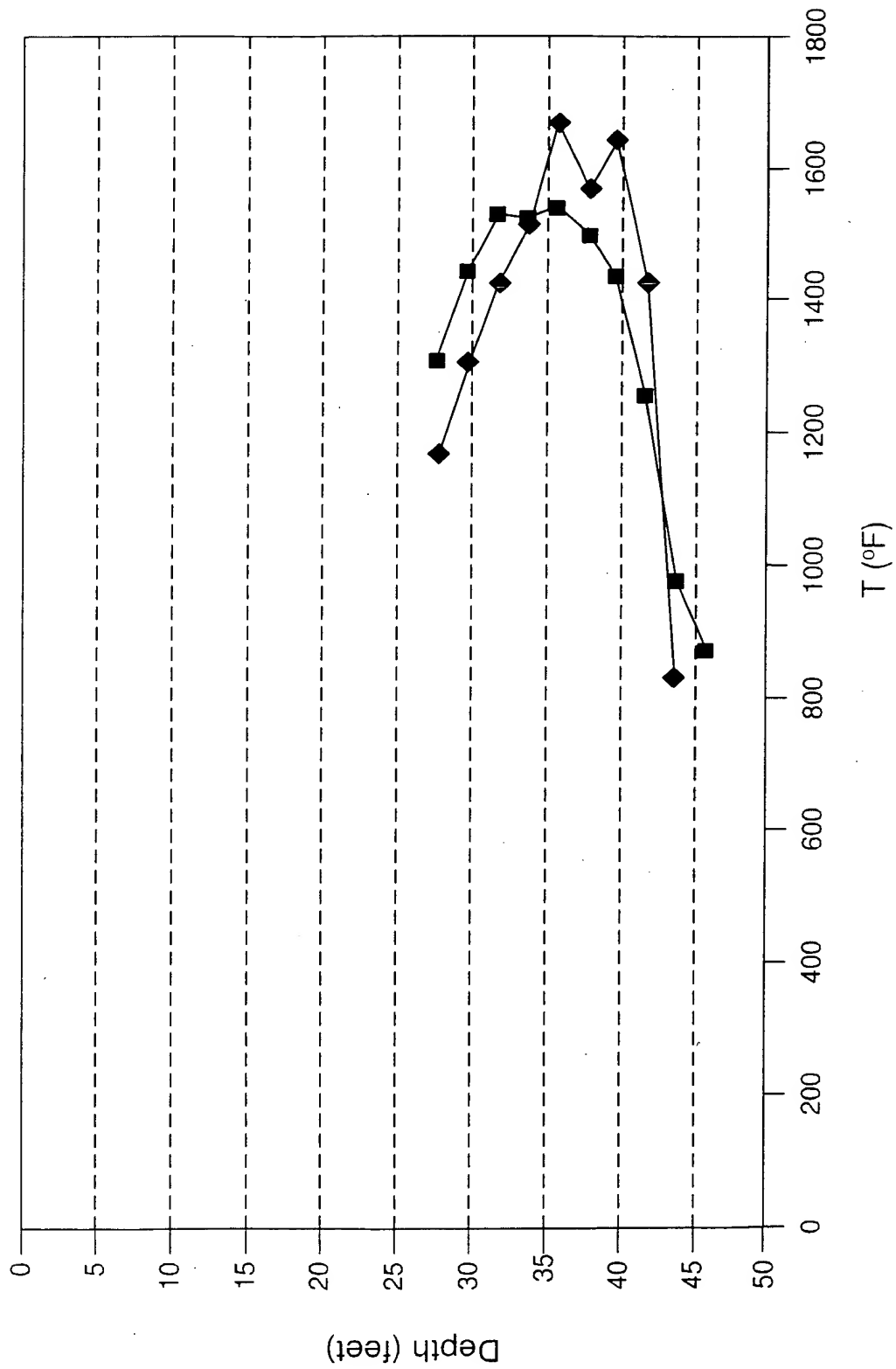


FIG. 130

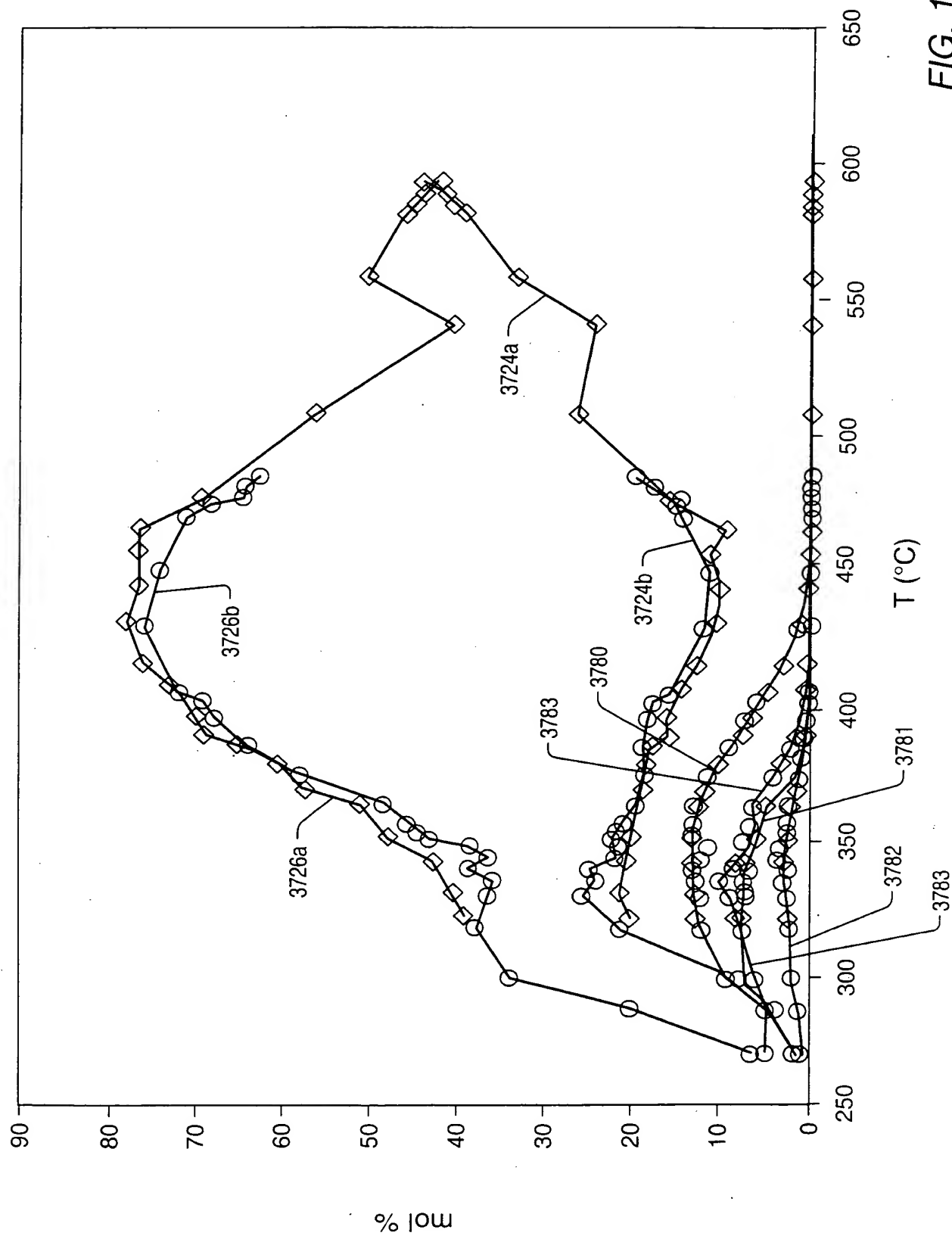


FIG. 131

FIG. 132

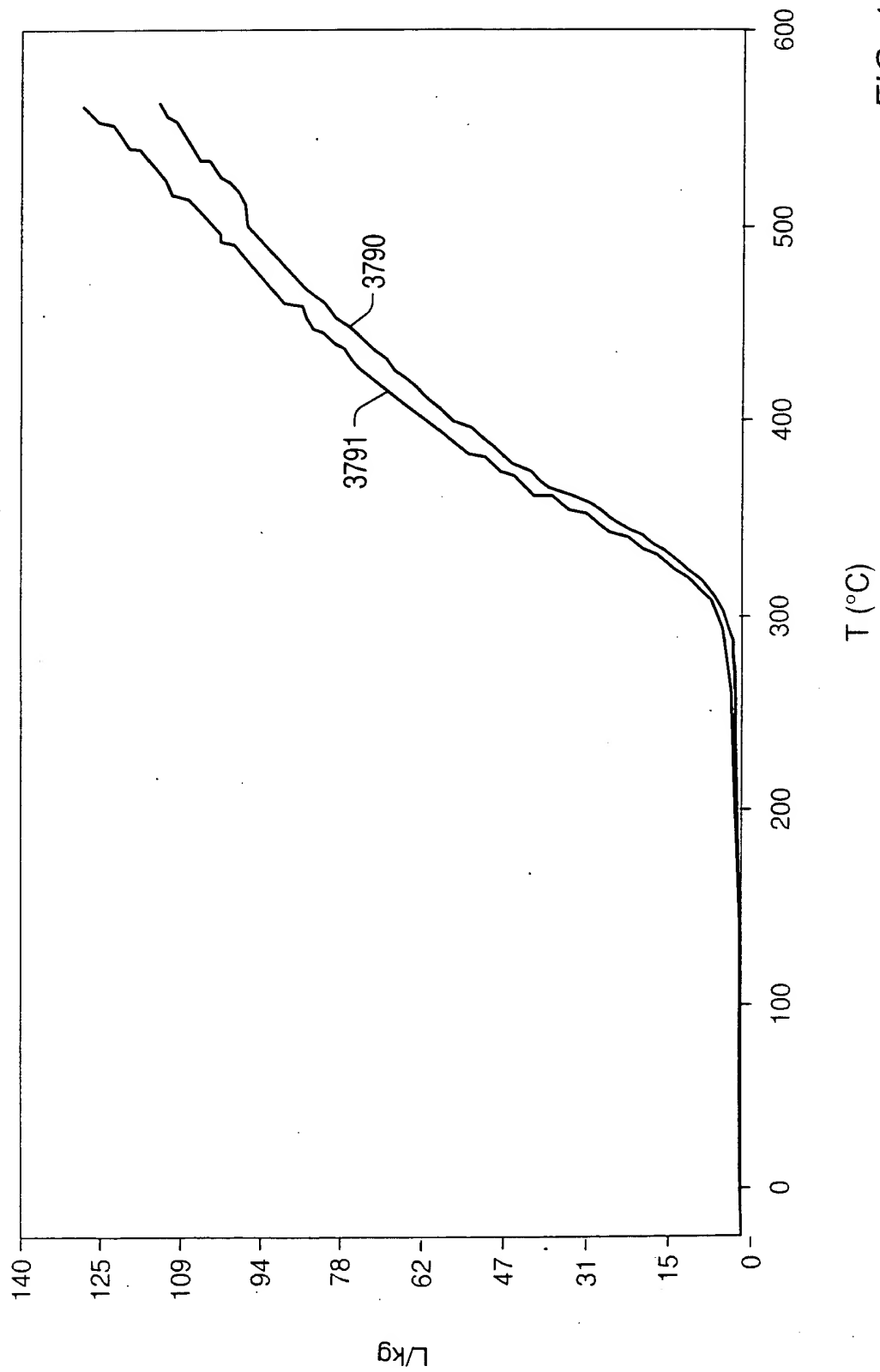


FIG. 132

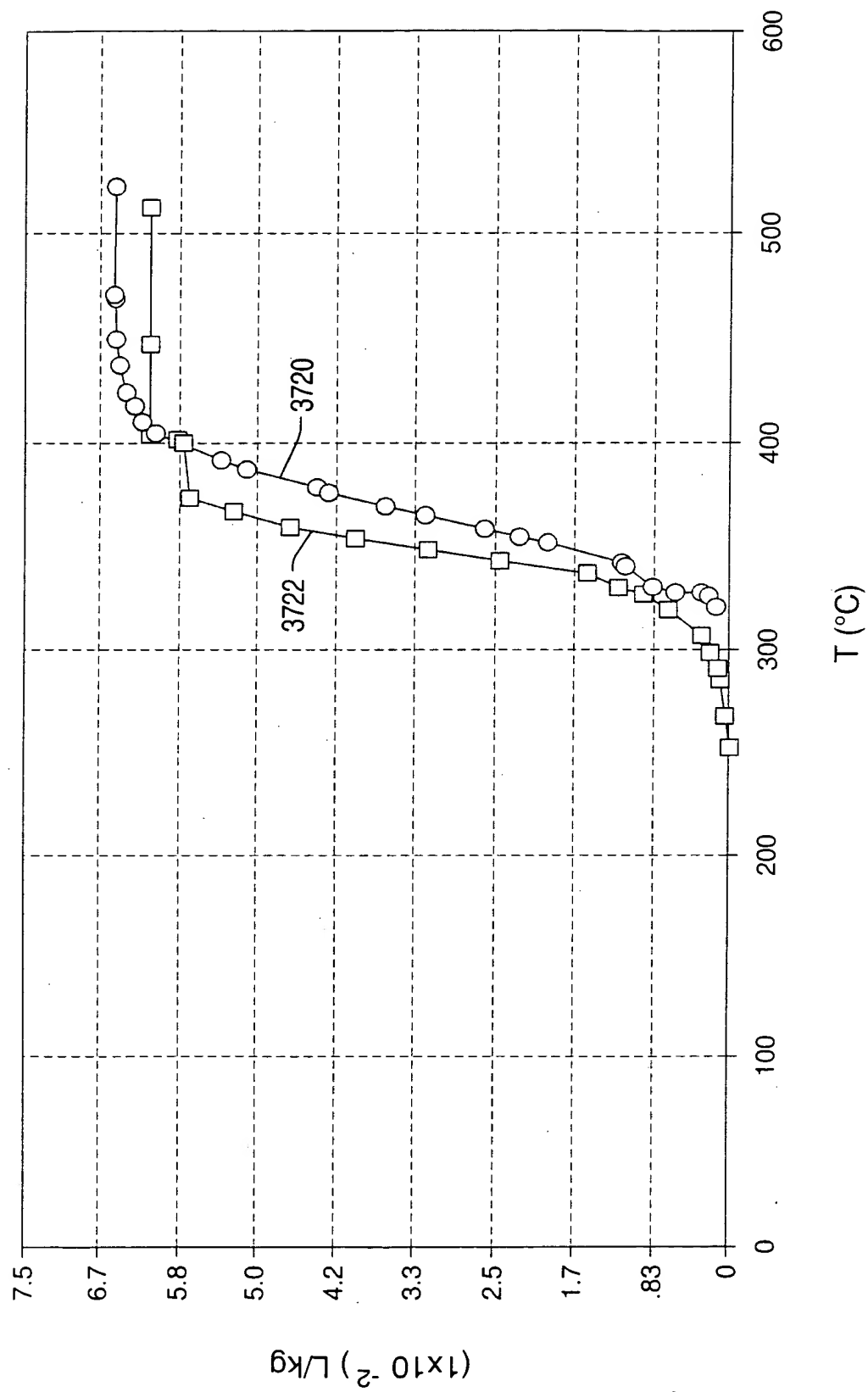


FIG. 133

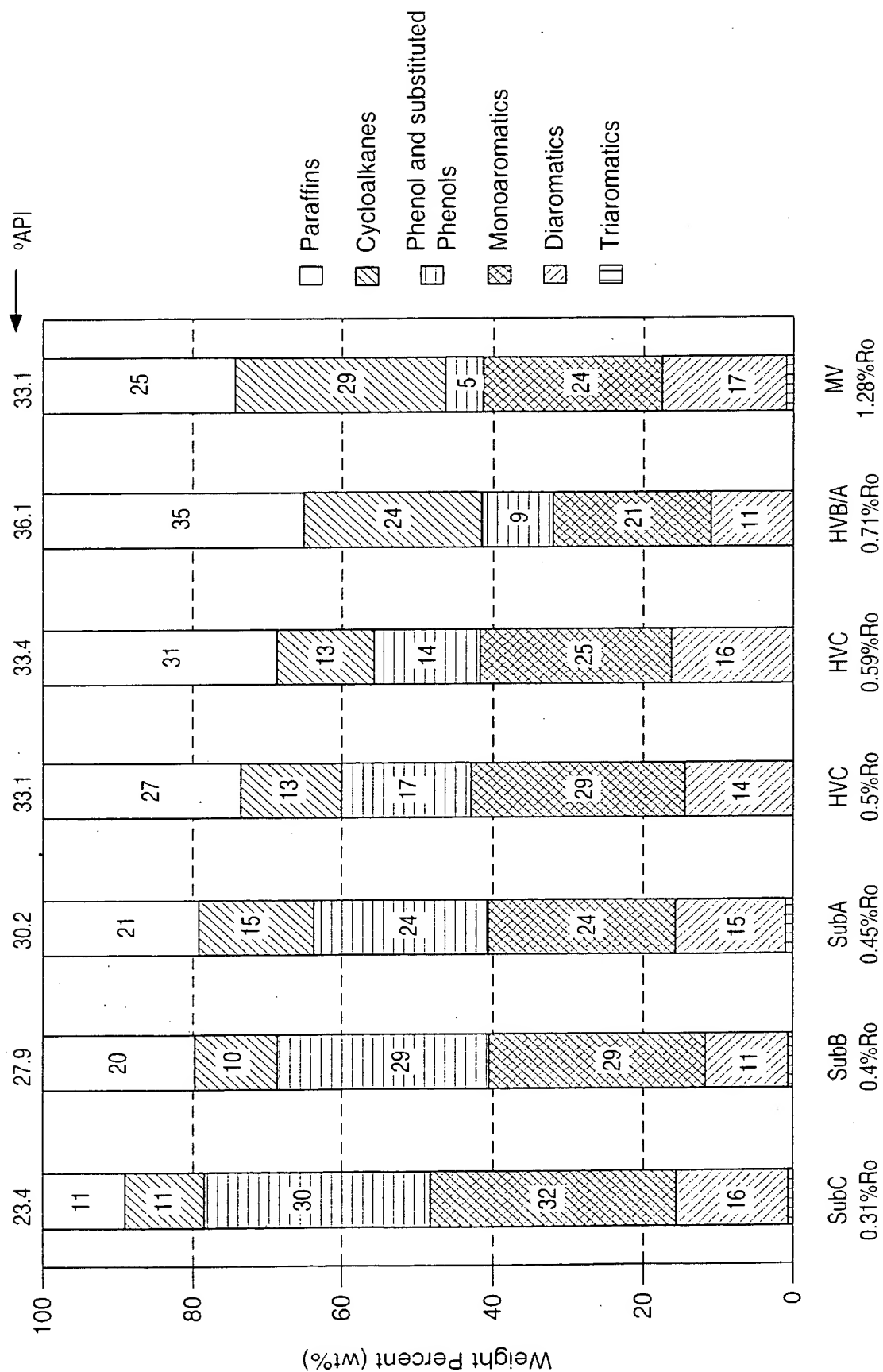


FIG. 134

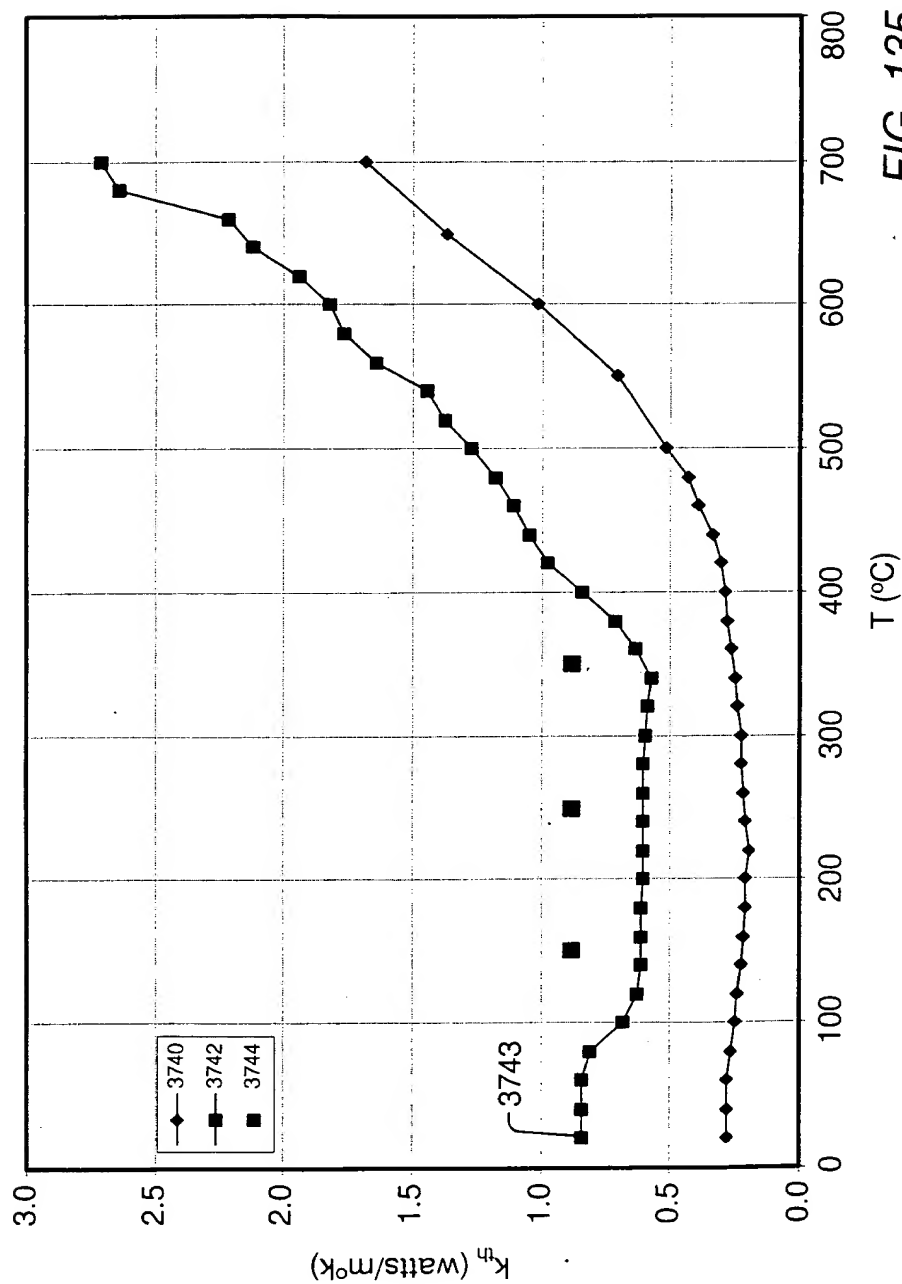


FIG. 135

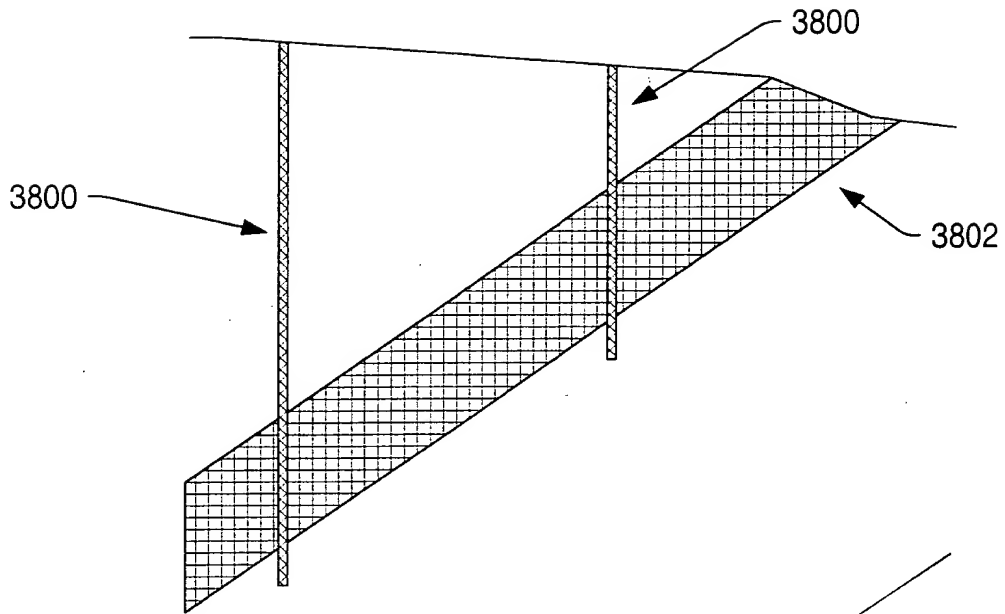


FIG. 136

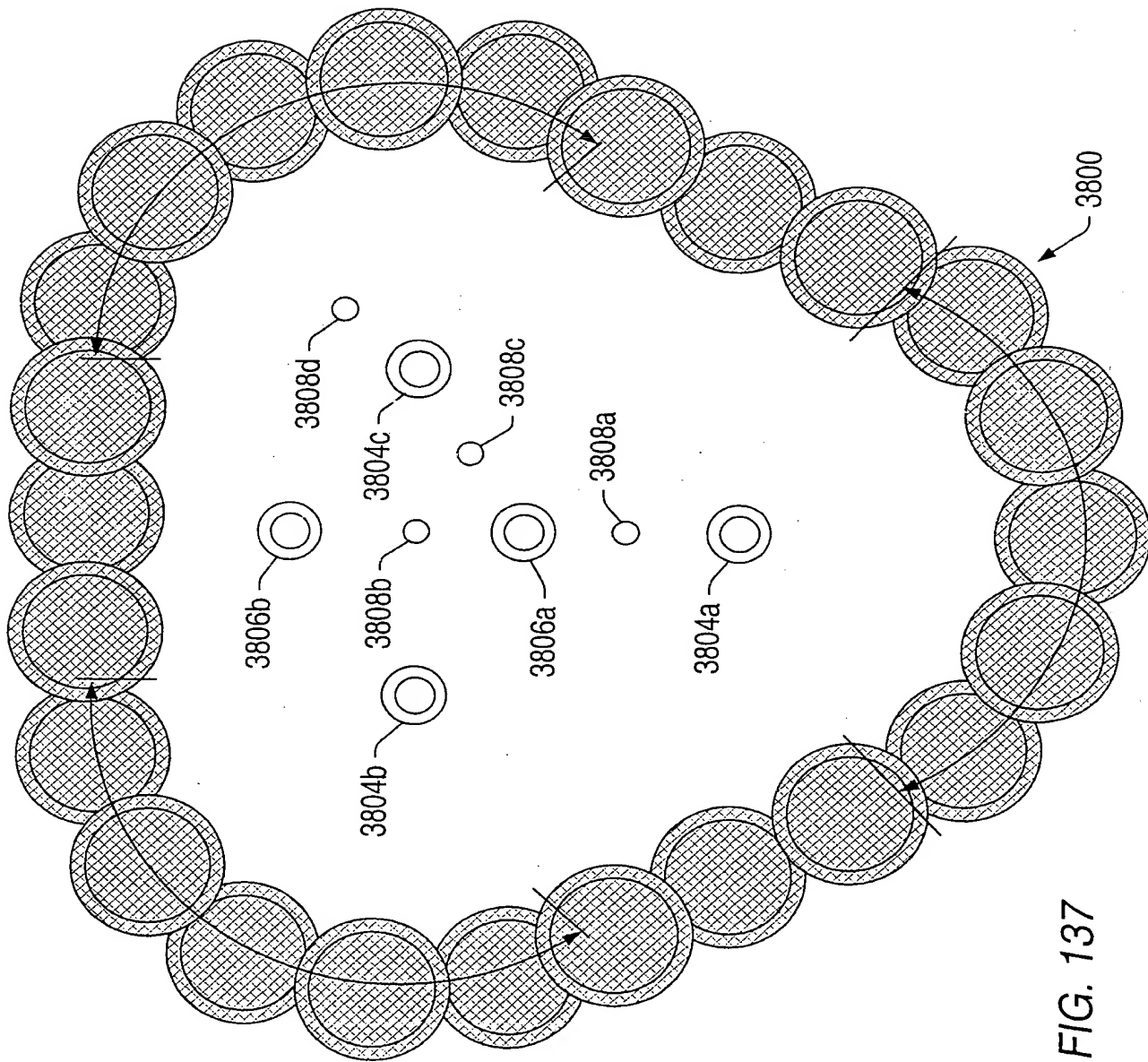


FIG. 137

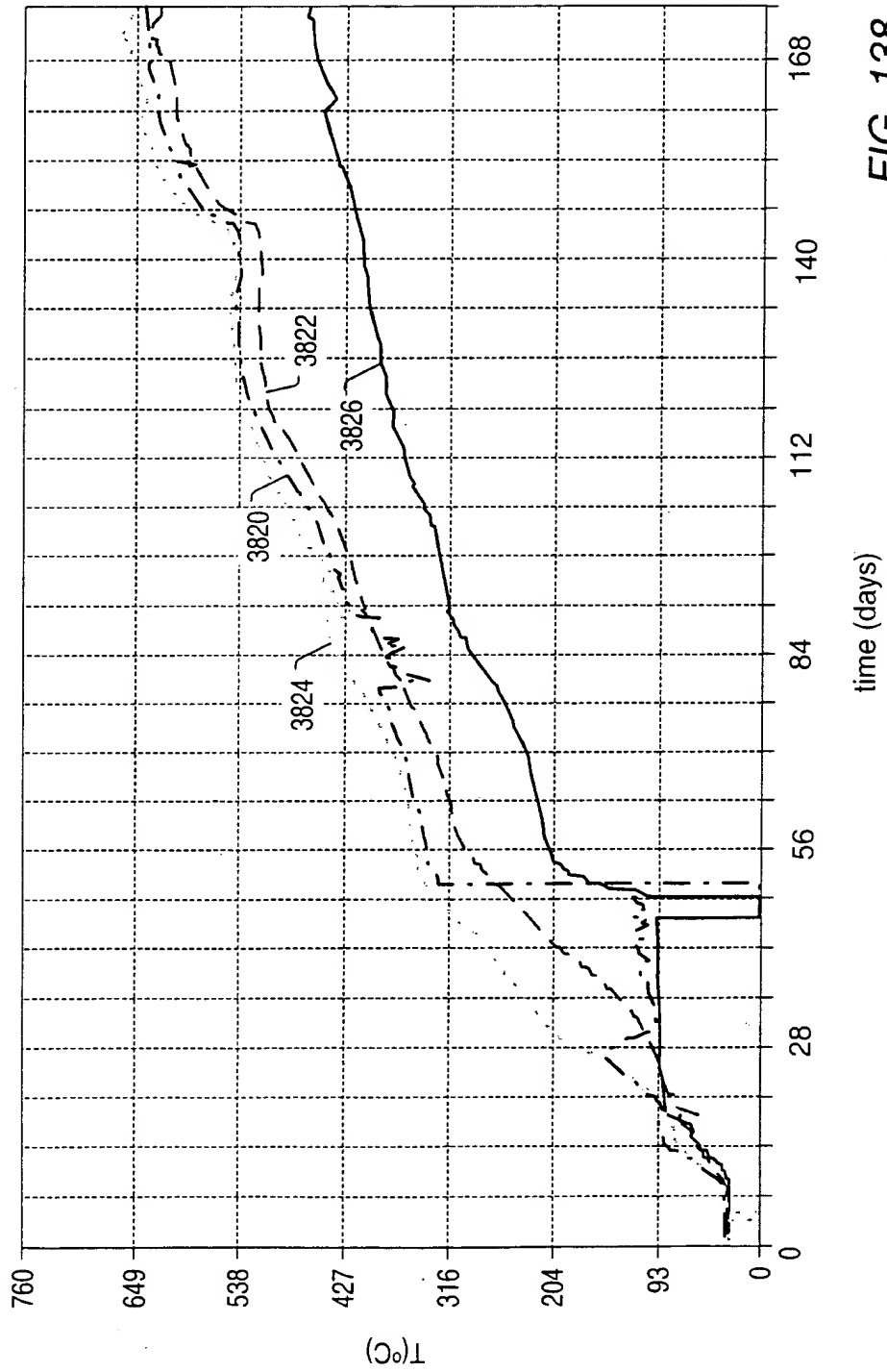


FIG. 138

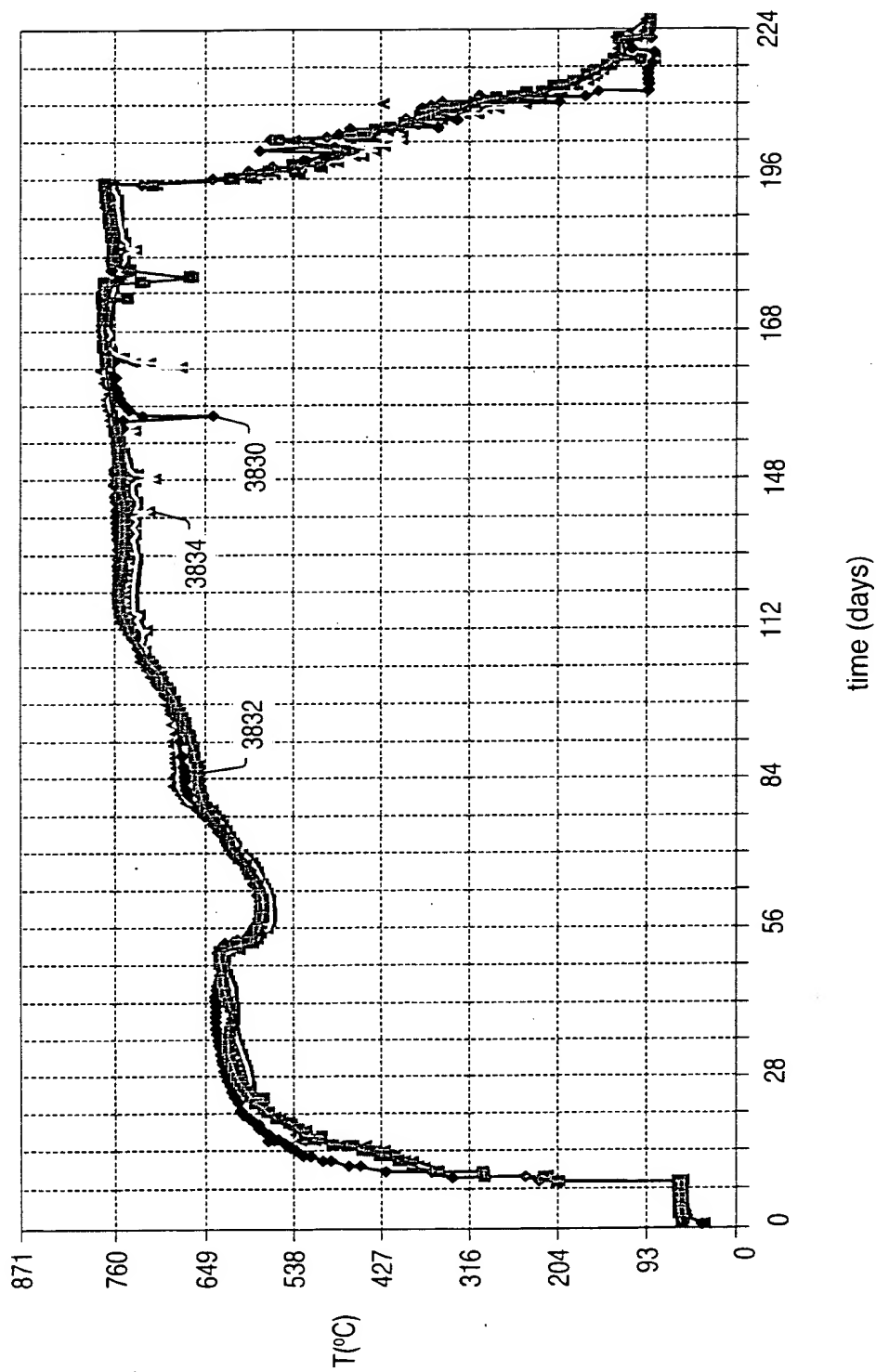


FIG. 139

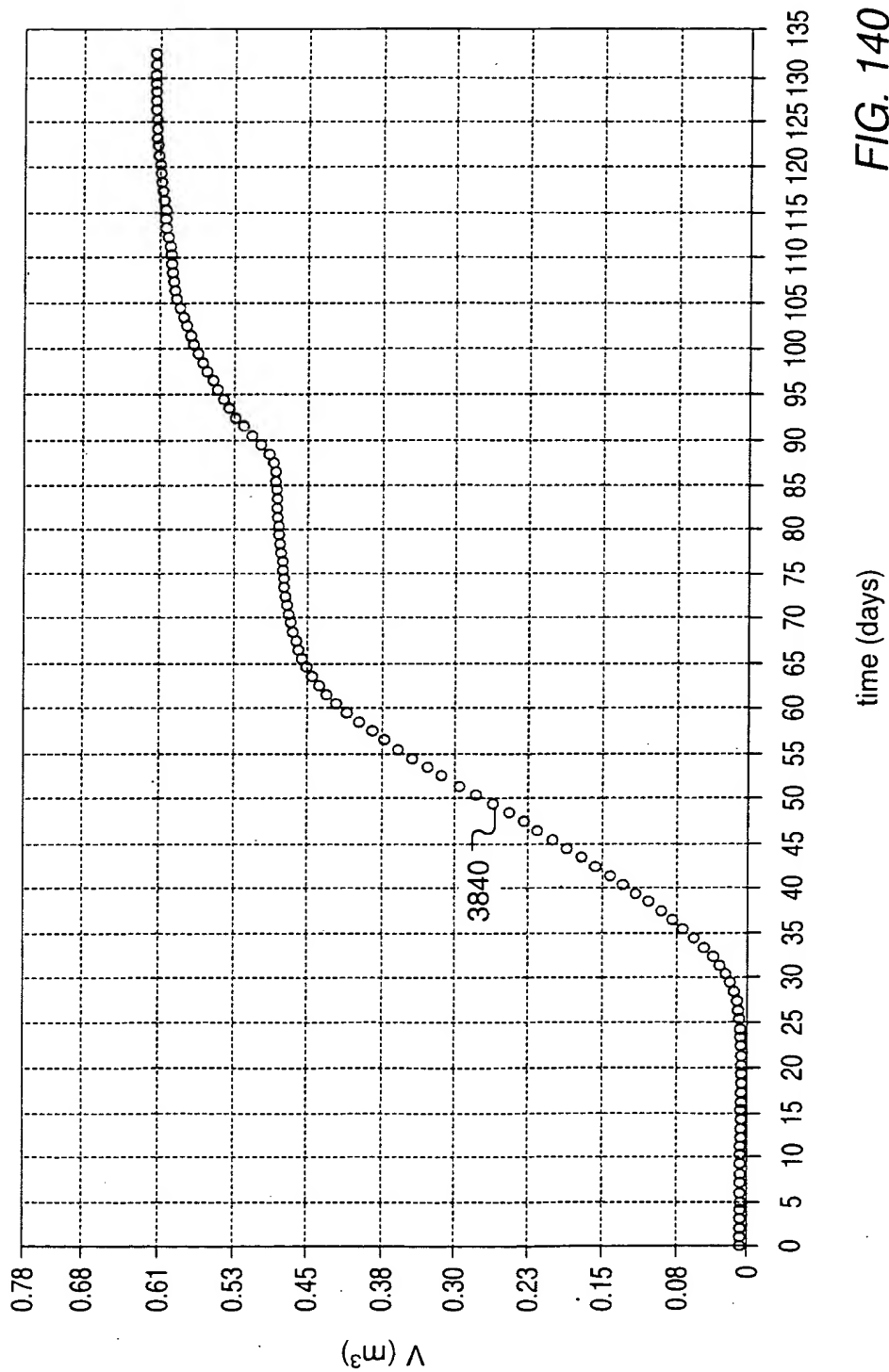


FIG. 140

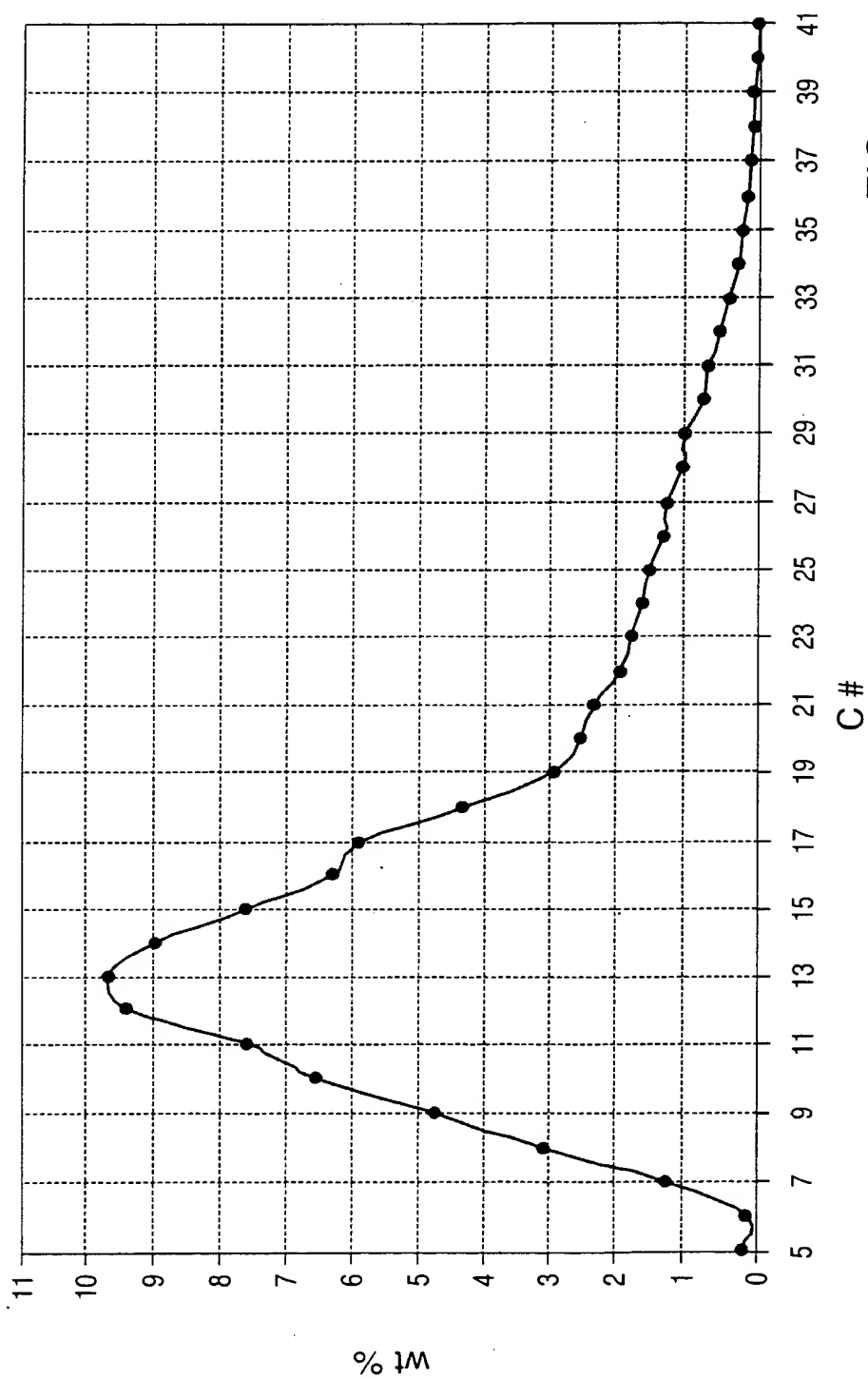


FIG. 141

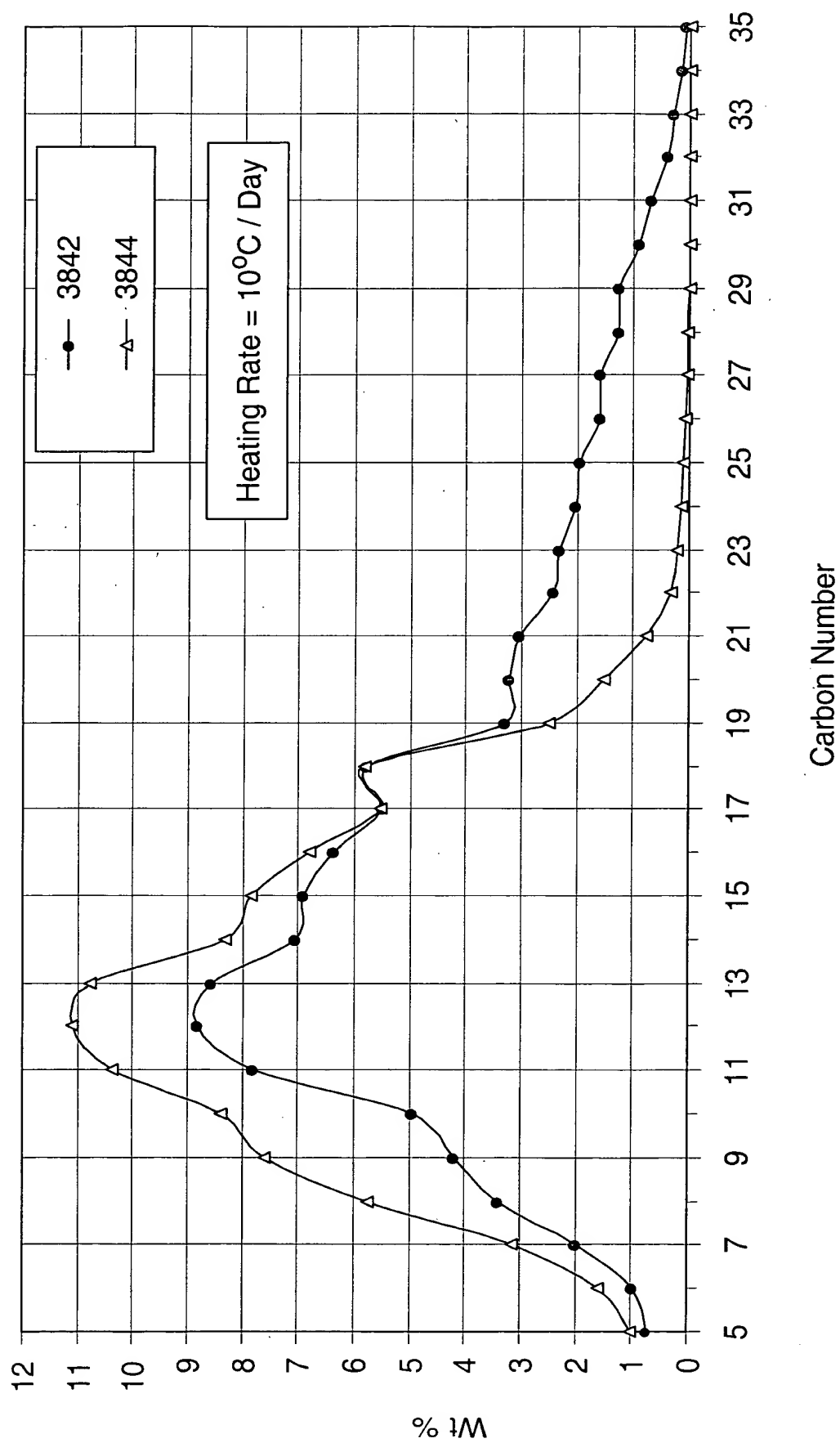


FIG. 142

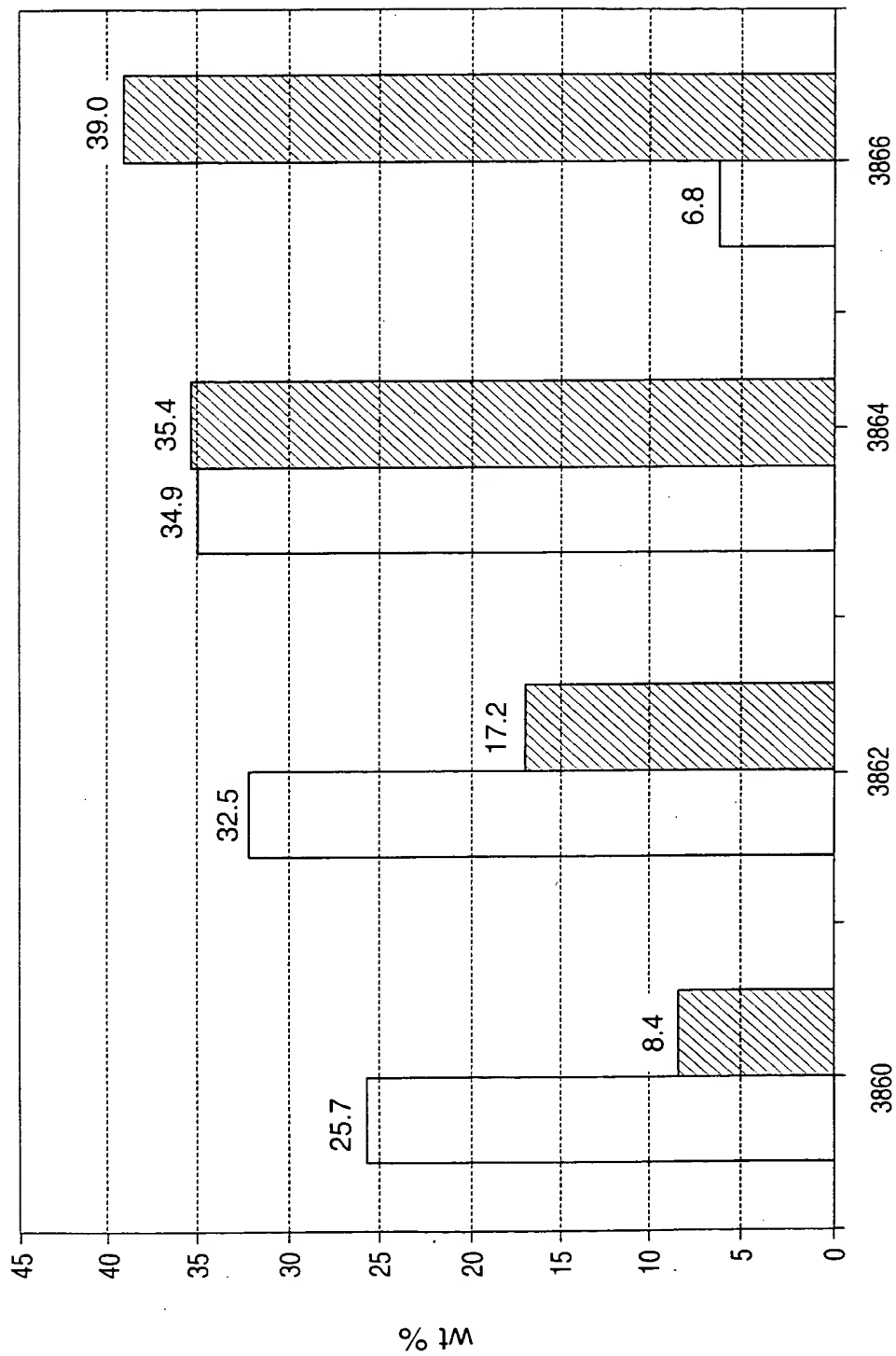


FIG. 143

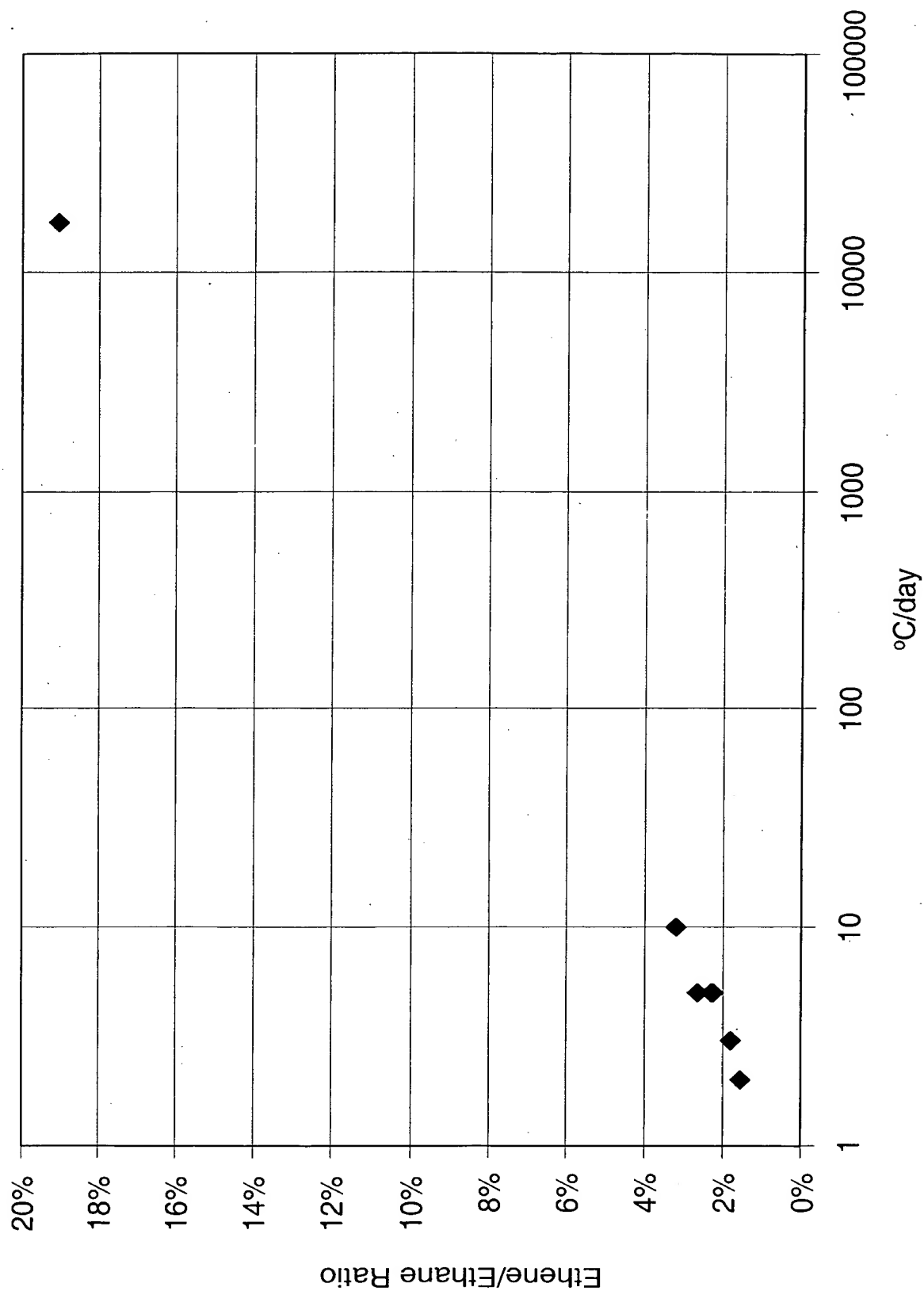


FIG. 144

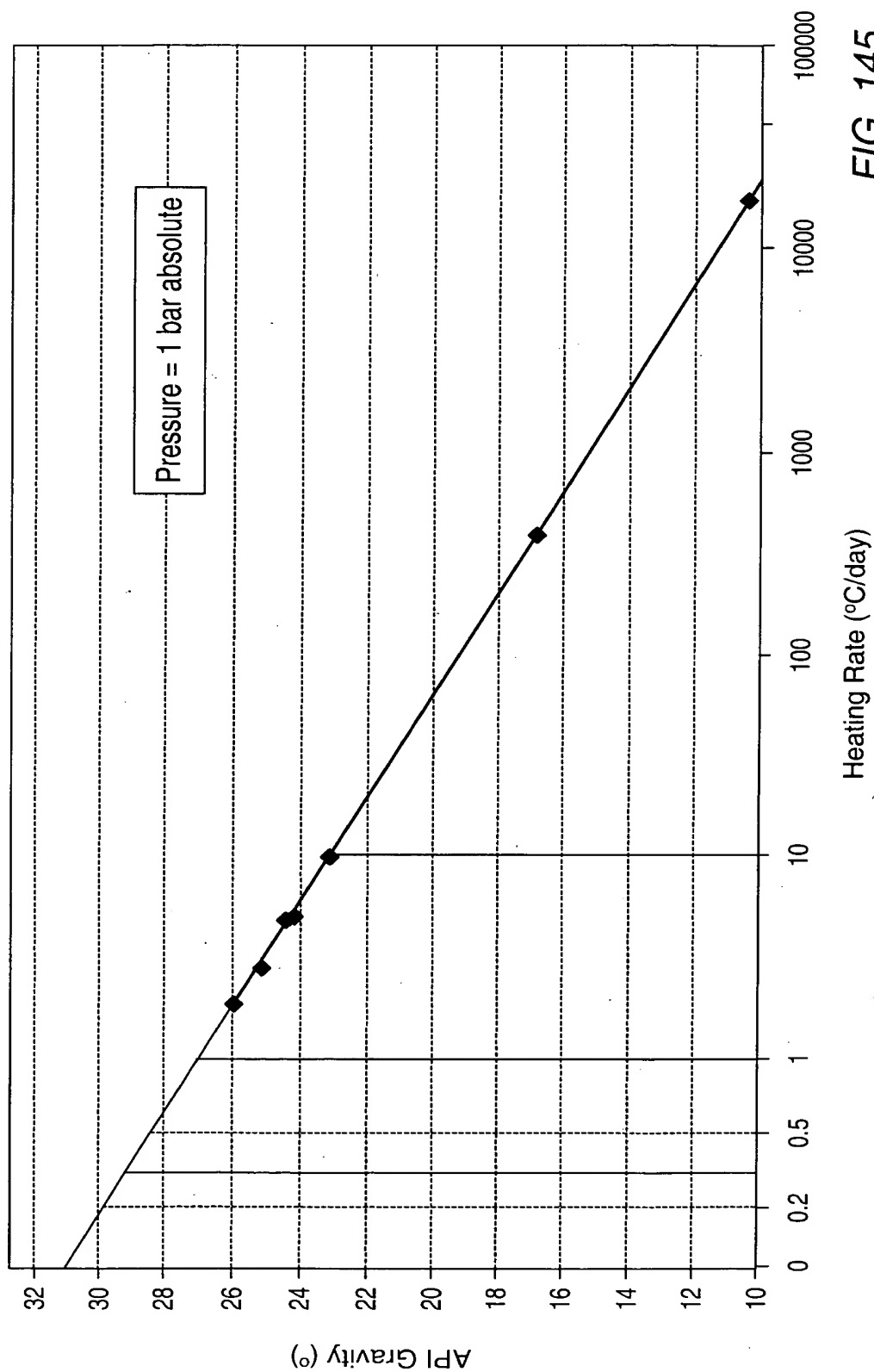


FIG. 145

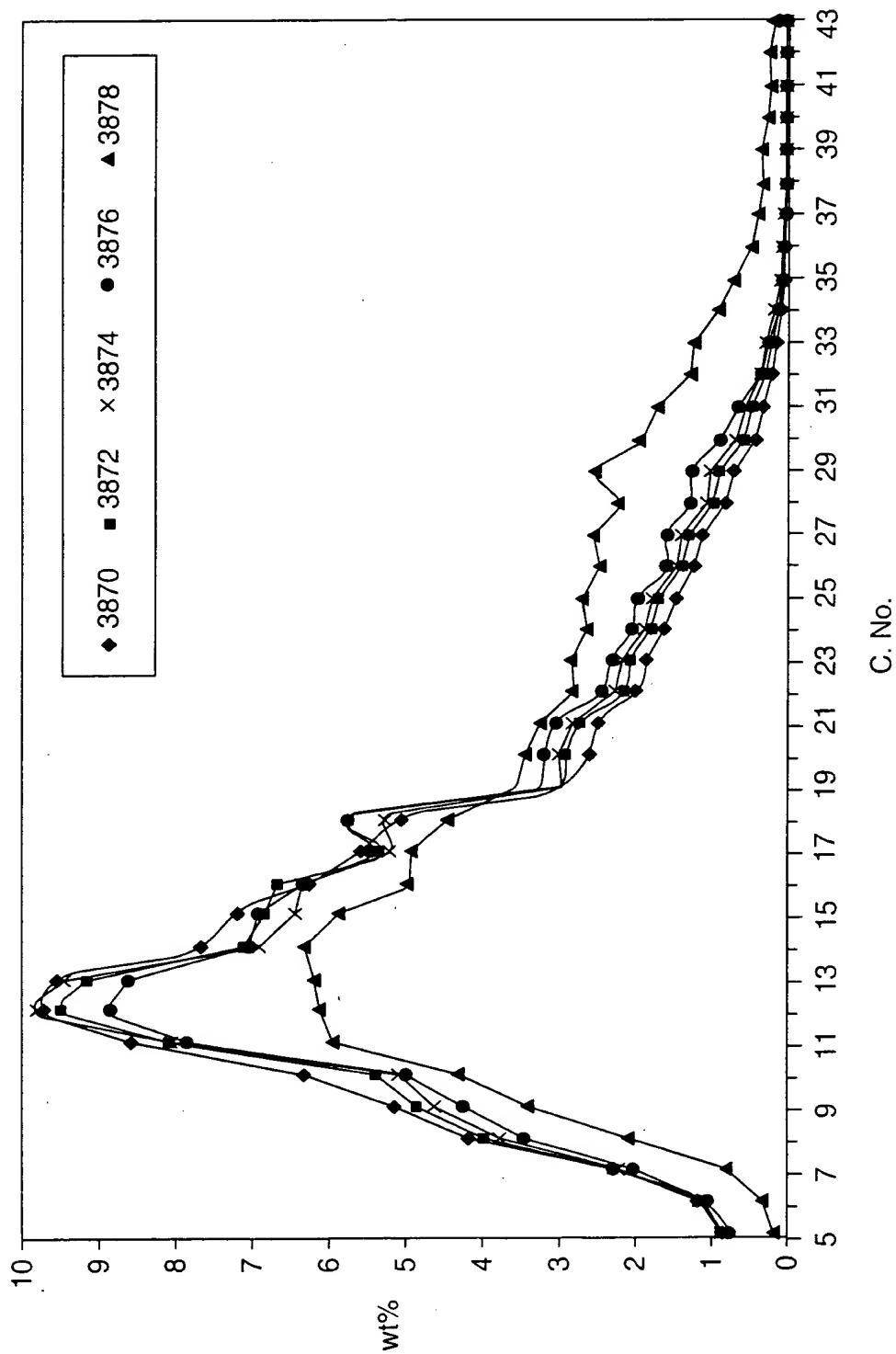


FIG. 146

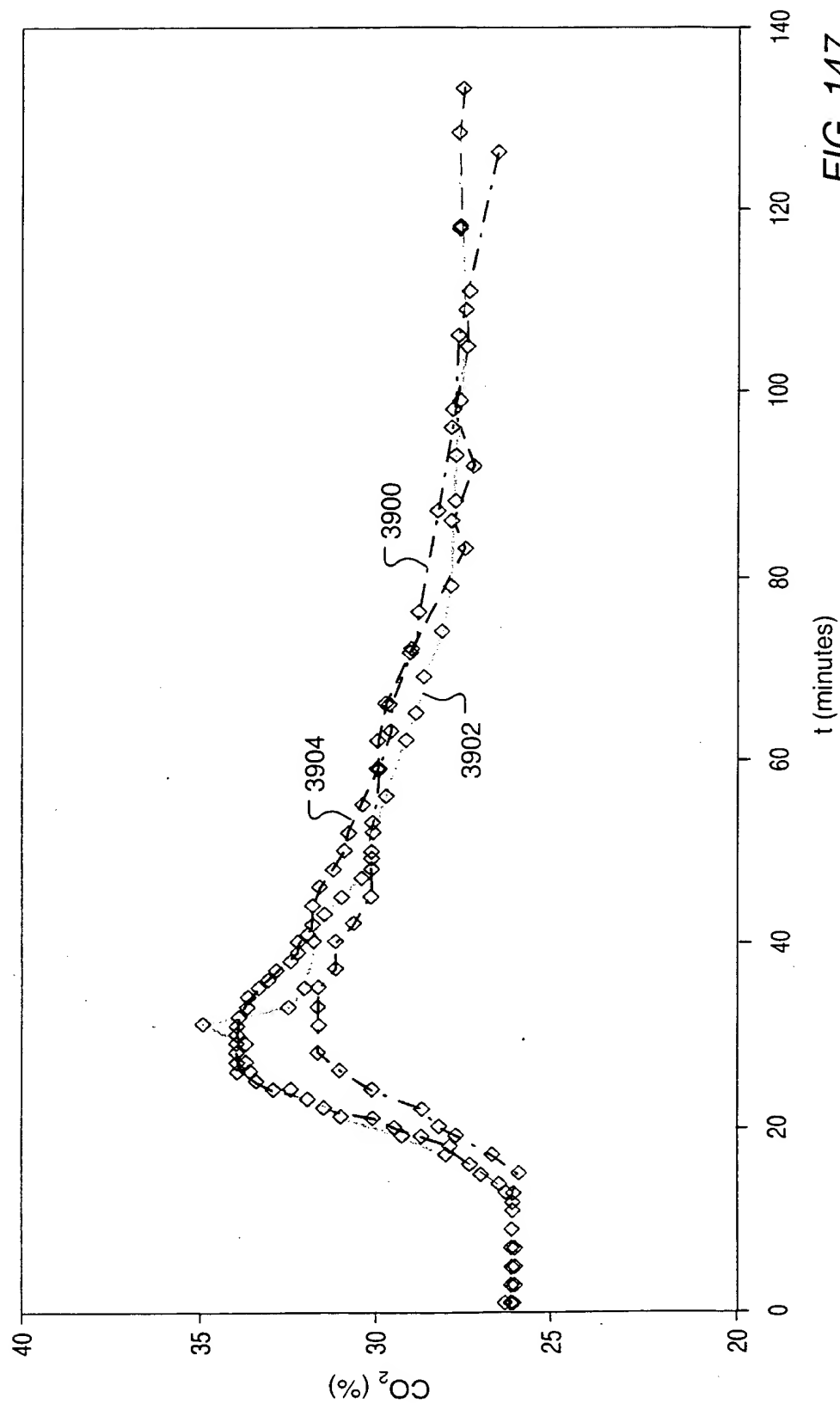


FIG. 147

FIG. 148

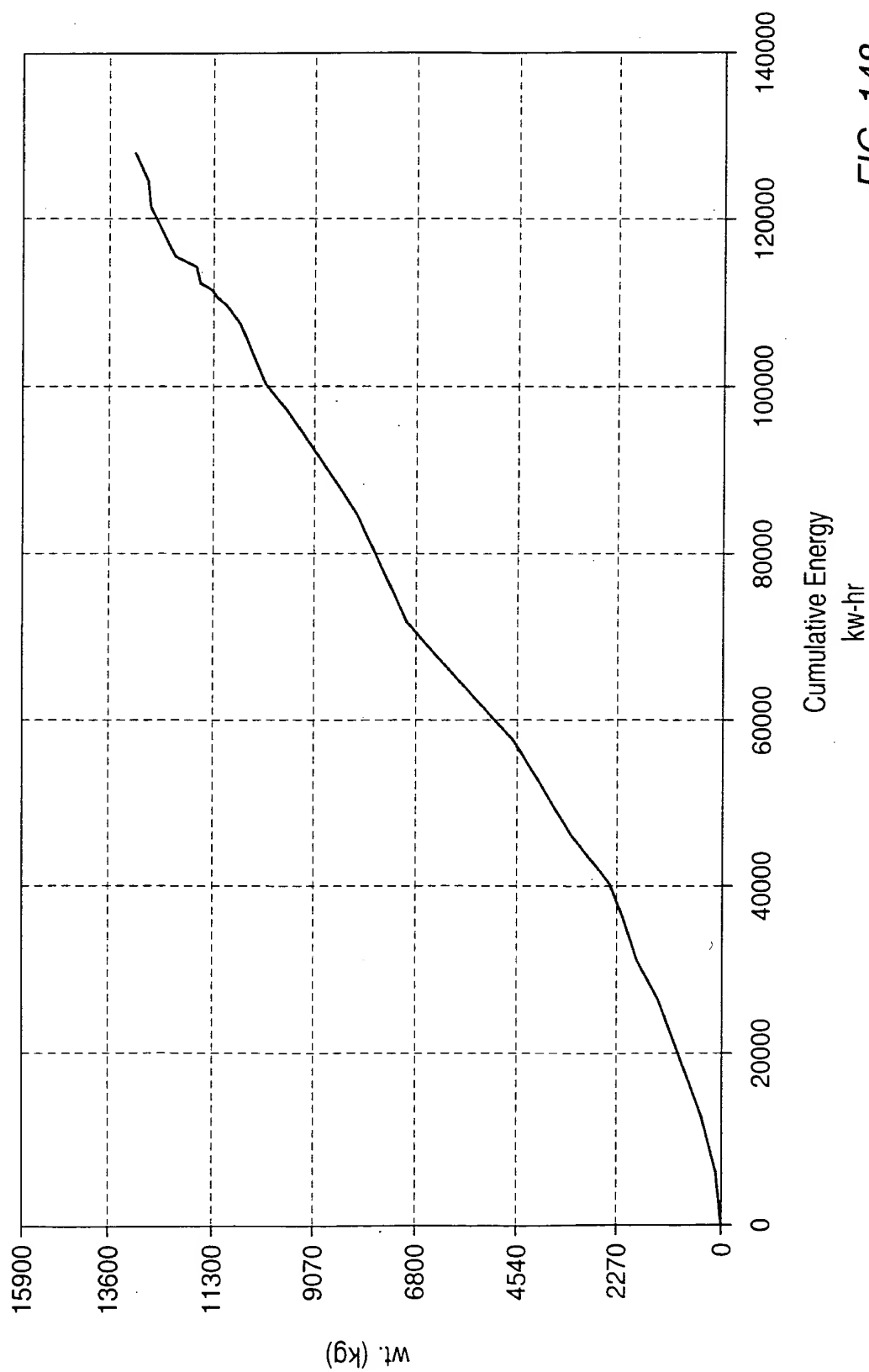


FIG. 148

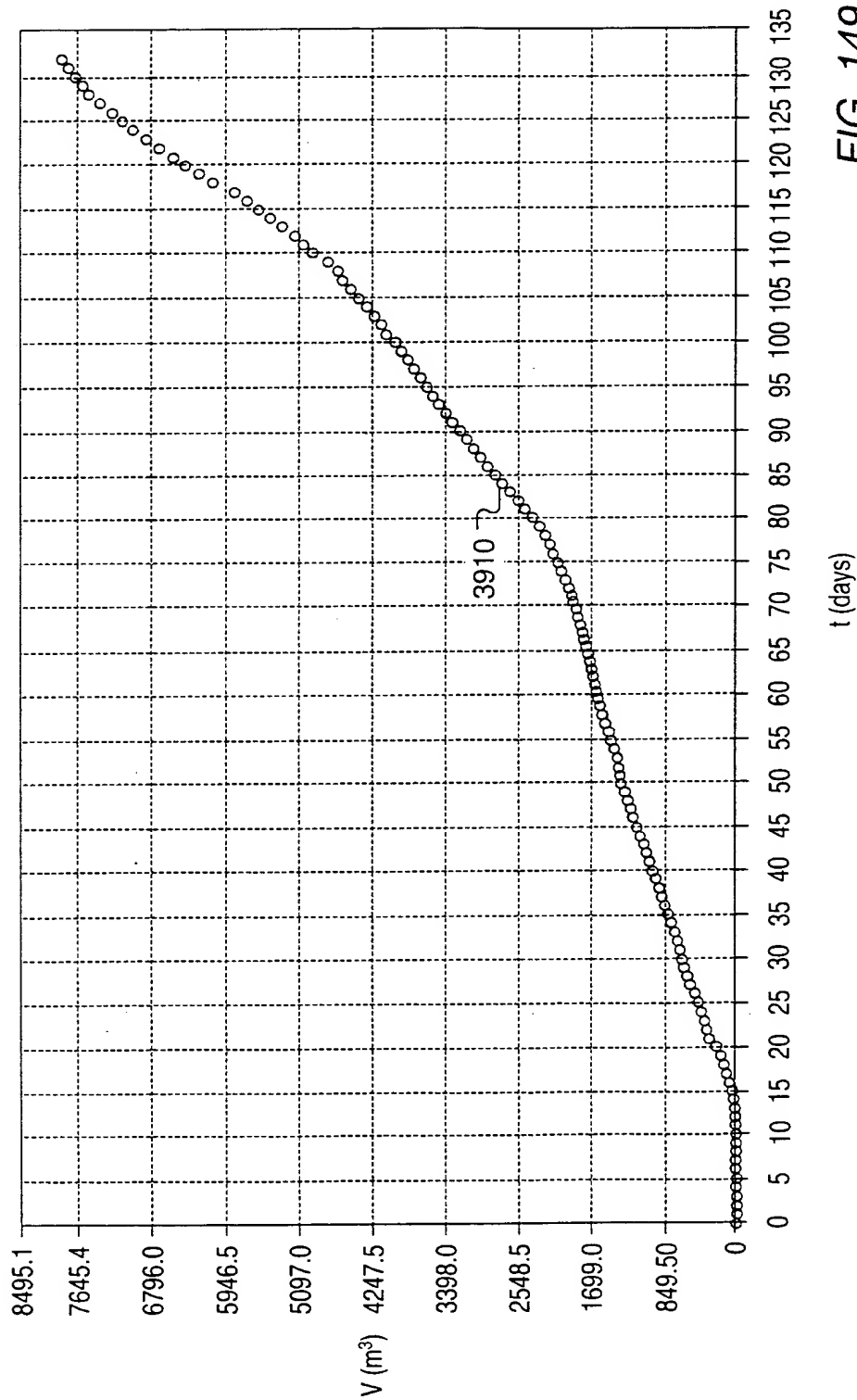


FIG. 149

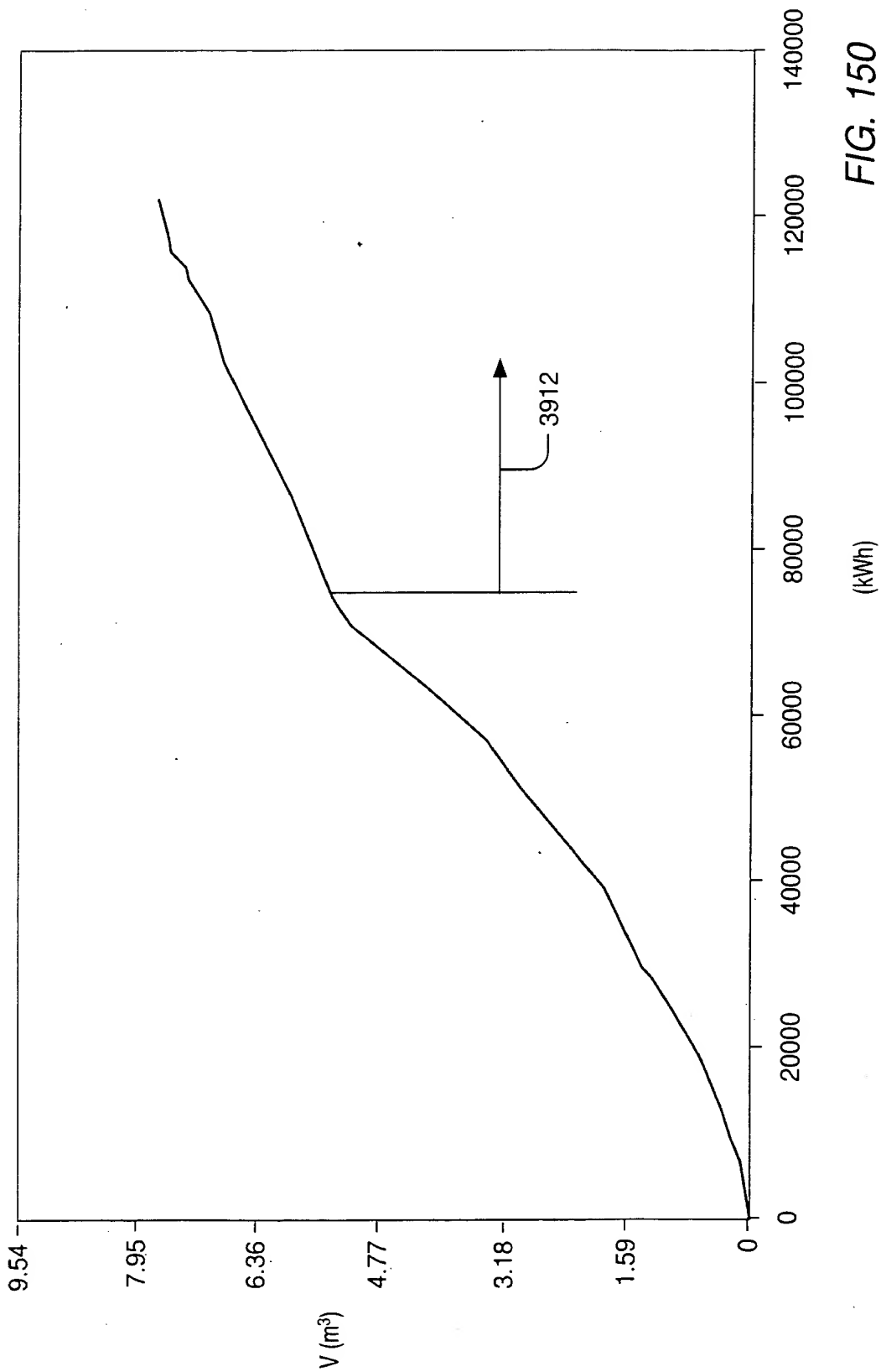


FIG. 150

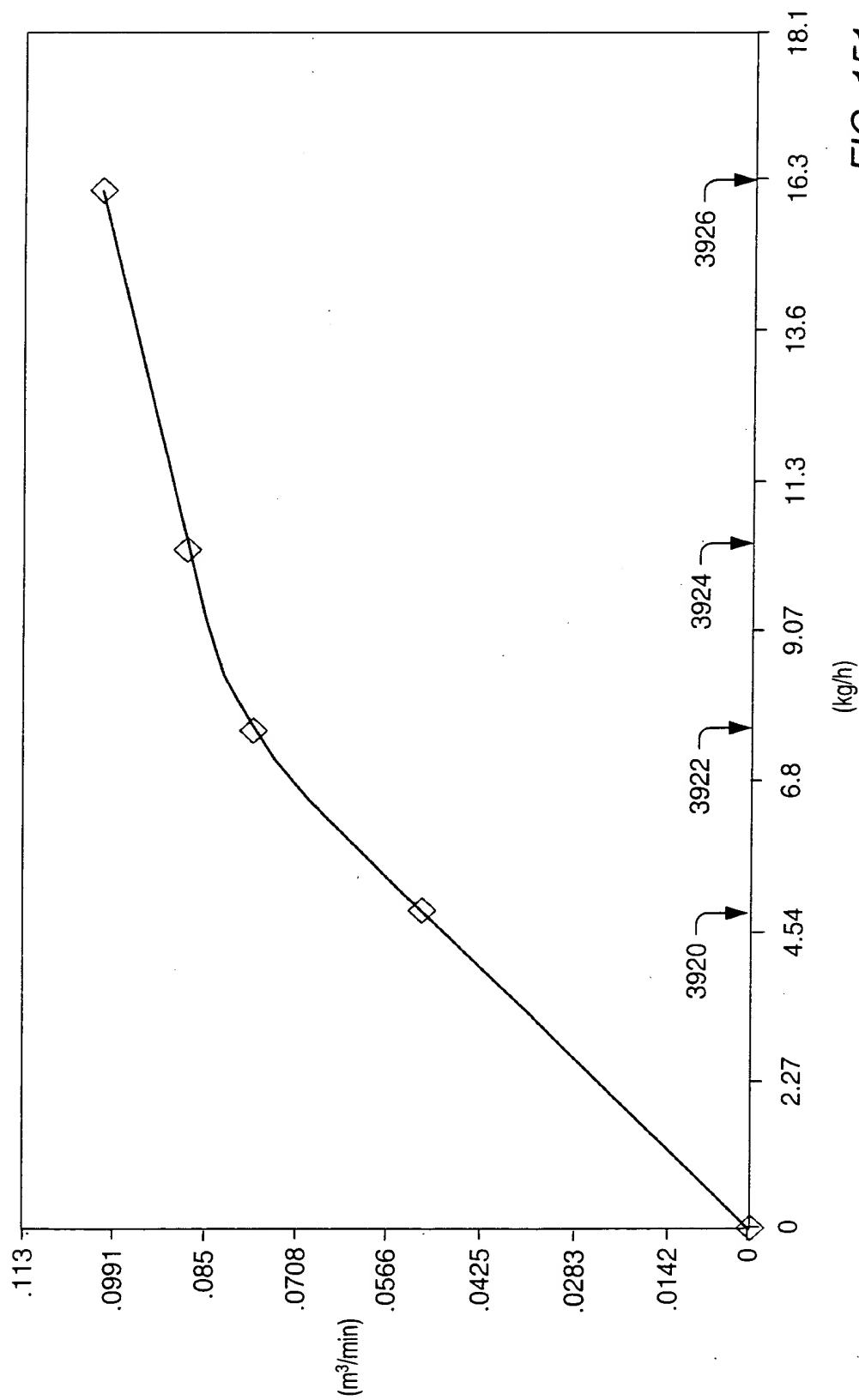


FIG. 151

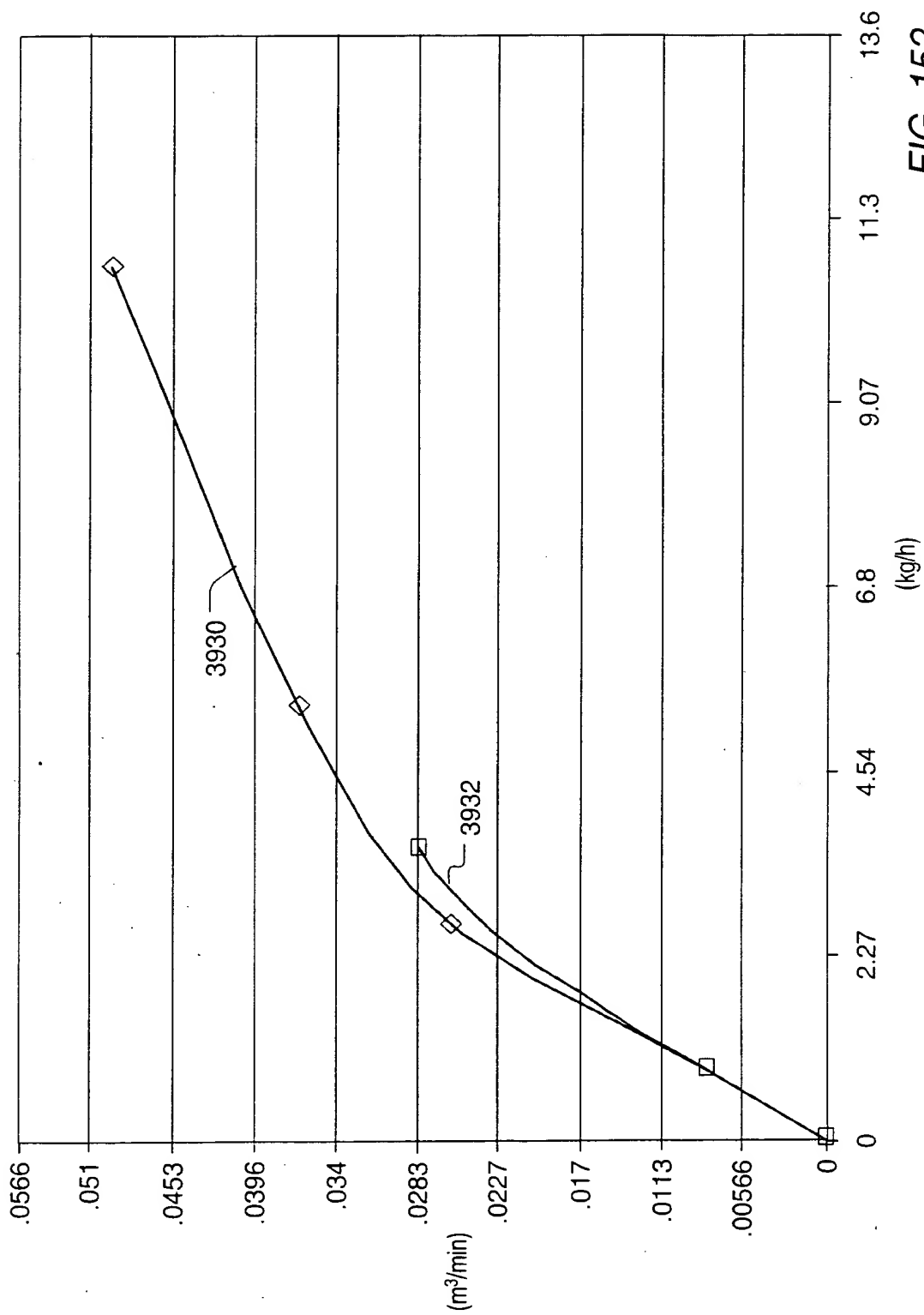
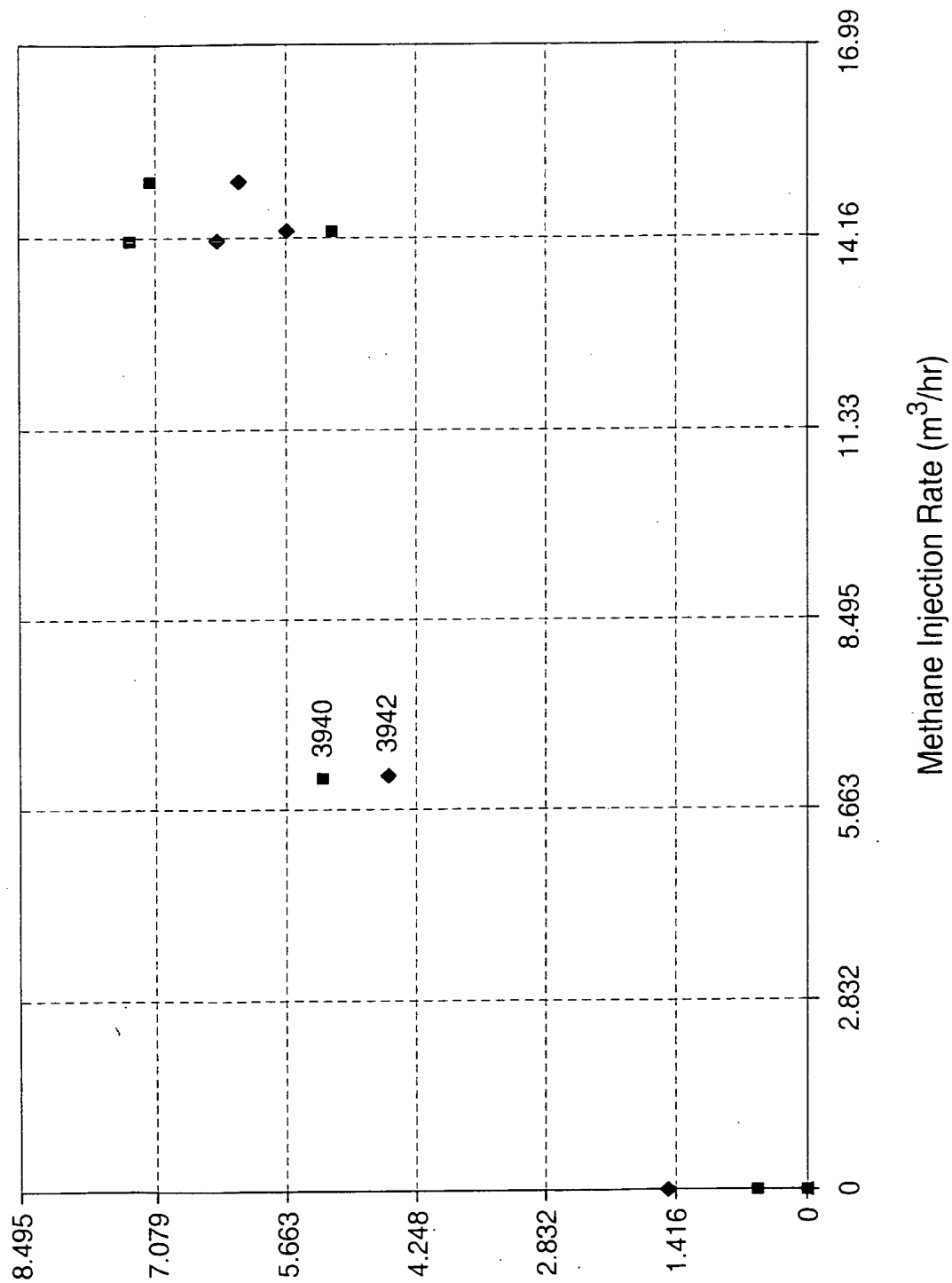


FIG. 152

Flow Rate



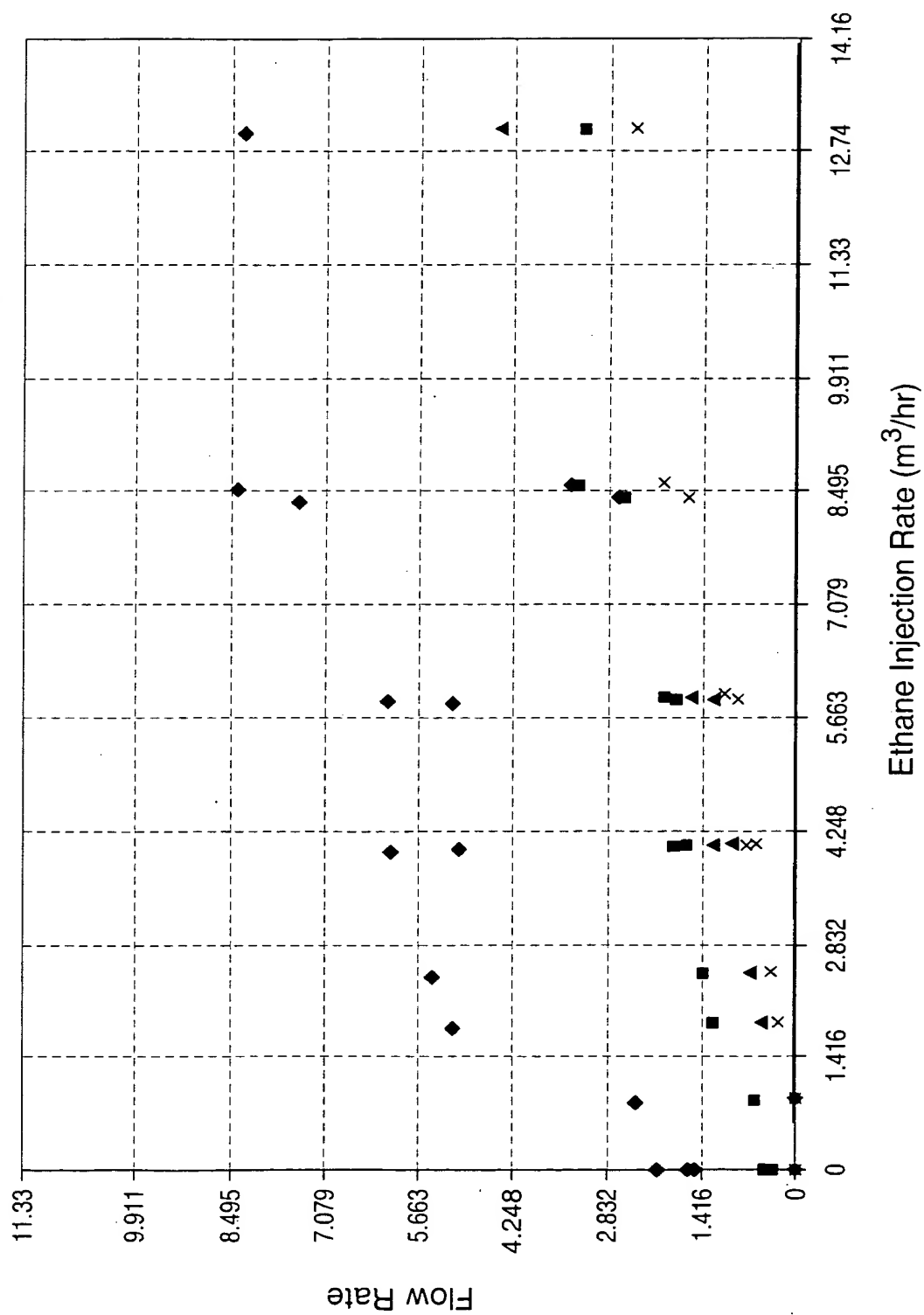
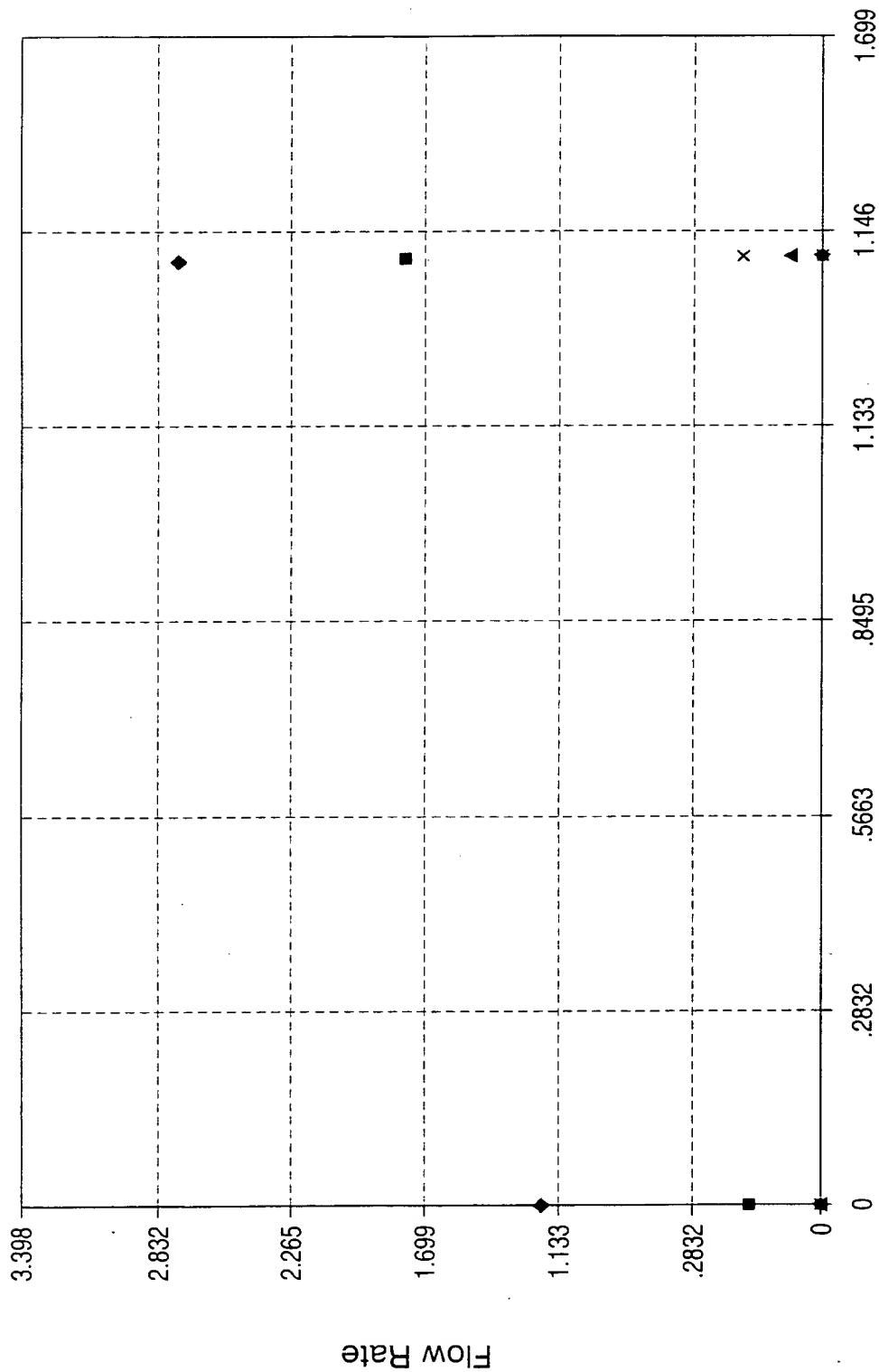


FIG. 154



Butane Injection Rate (m³/hr)

3970
 3972
 3974
 3976
 3978
 3979

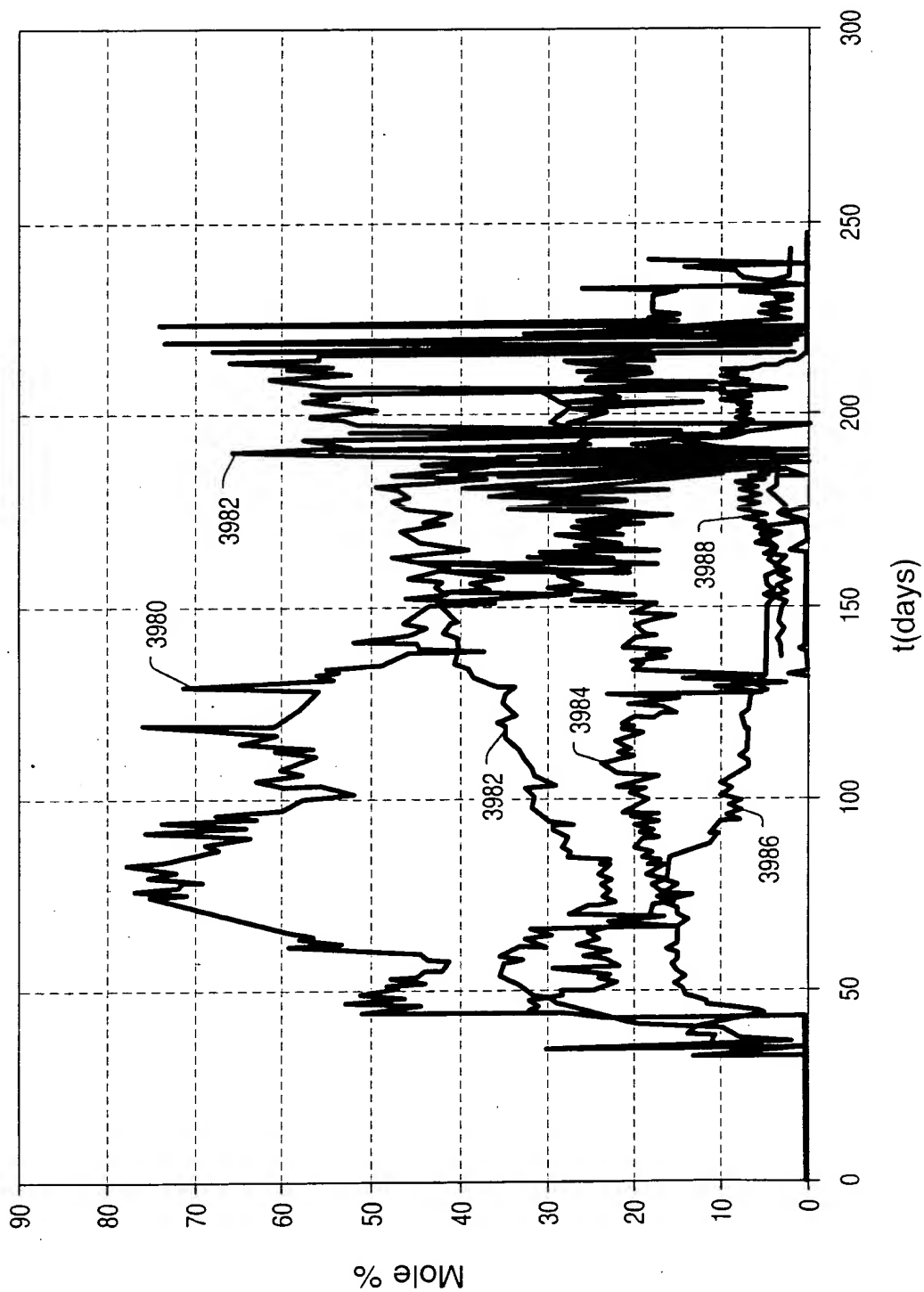


FIG. 157

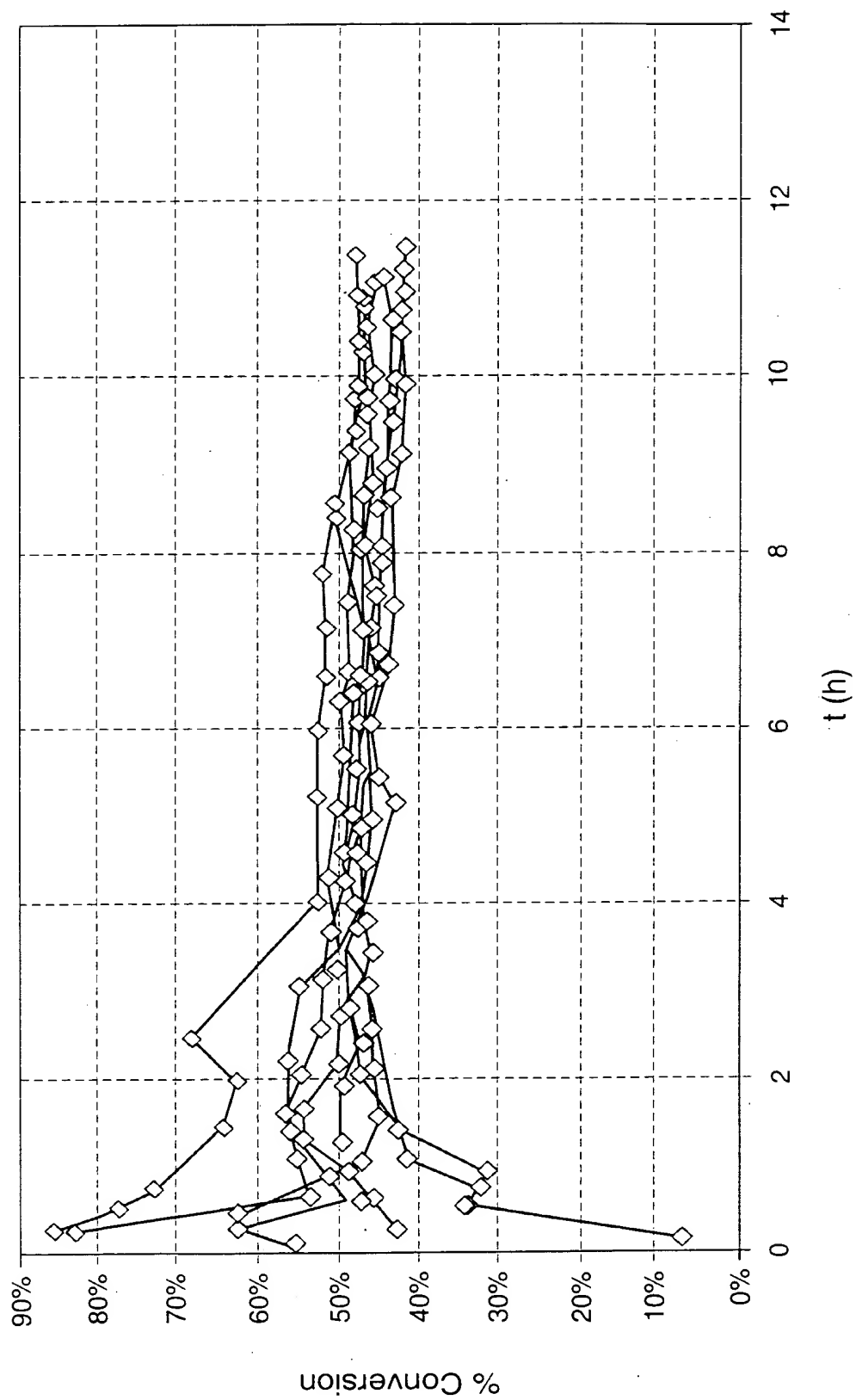


FIG. 158

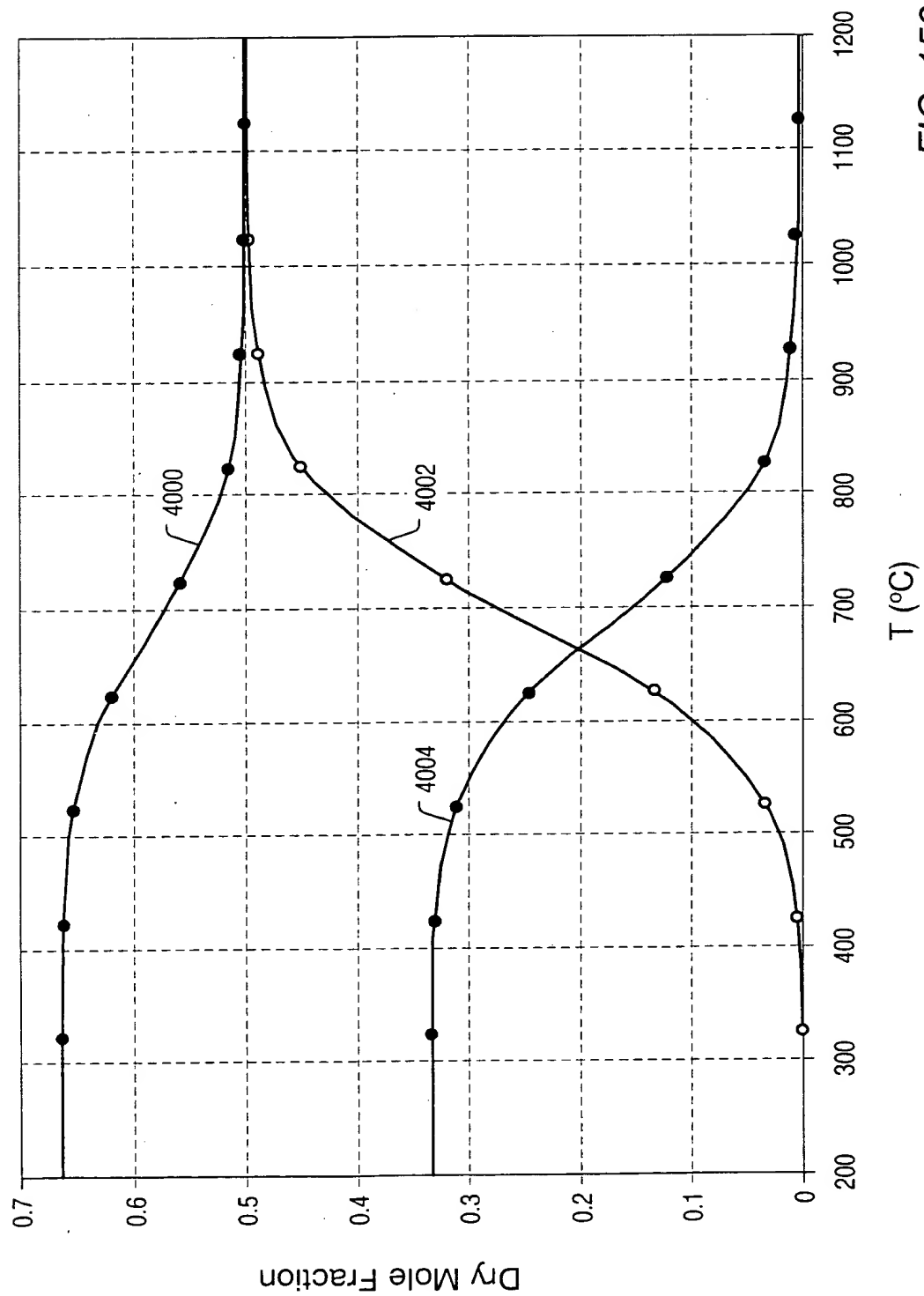


FIG. 159

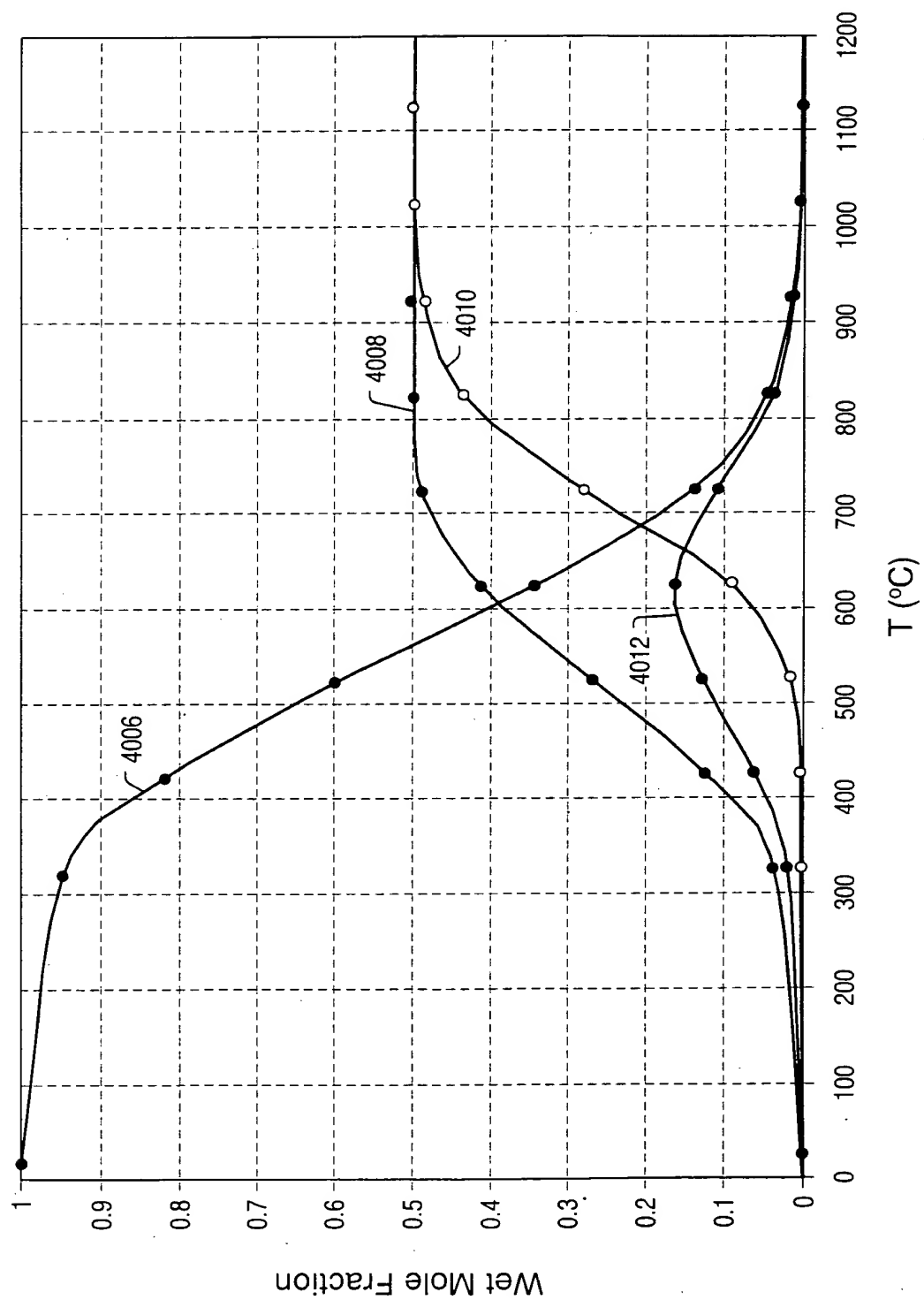


FIG. 160

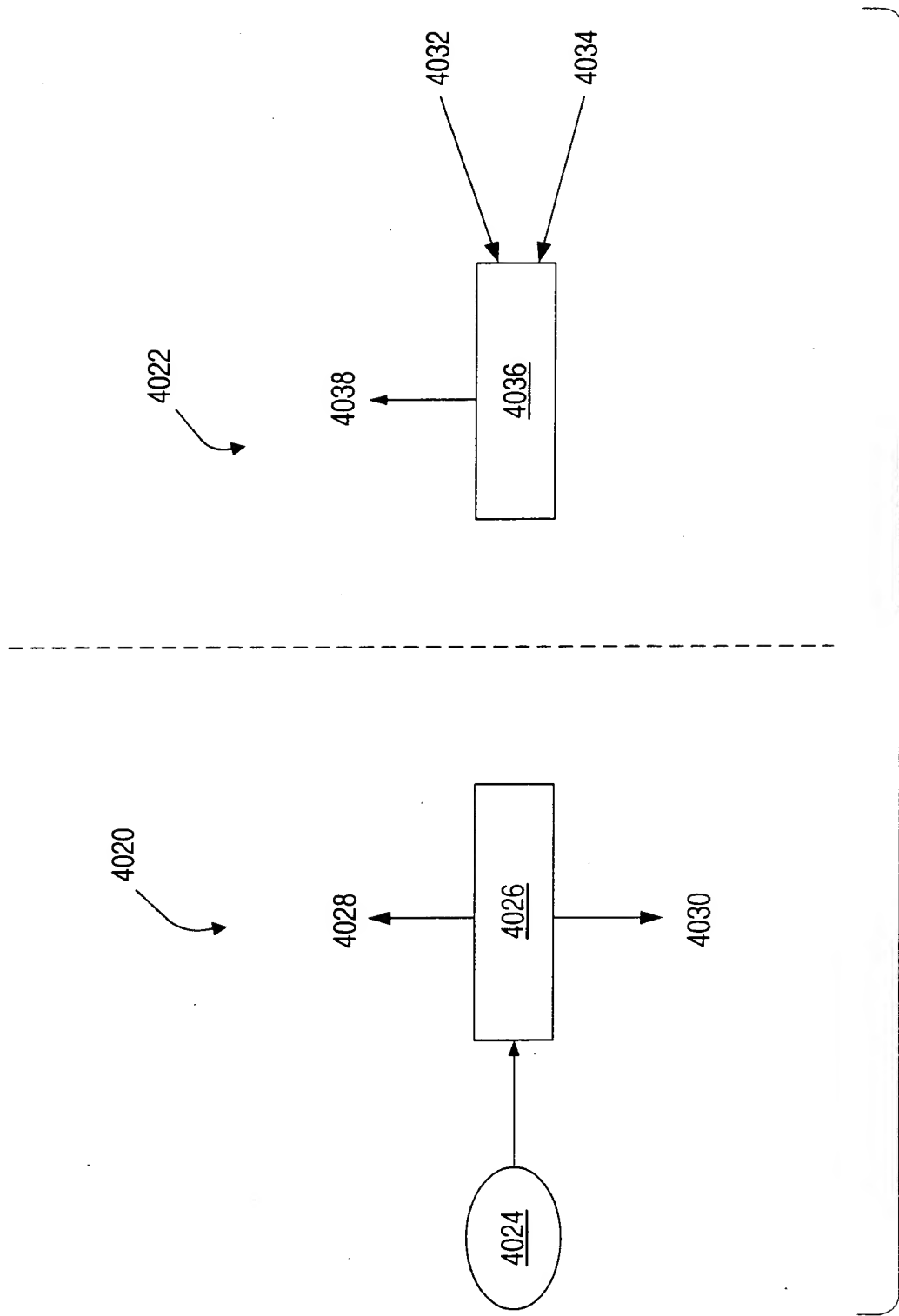


FIG. 161

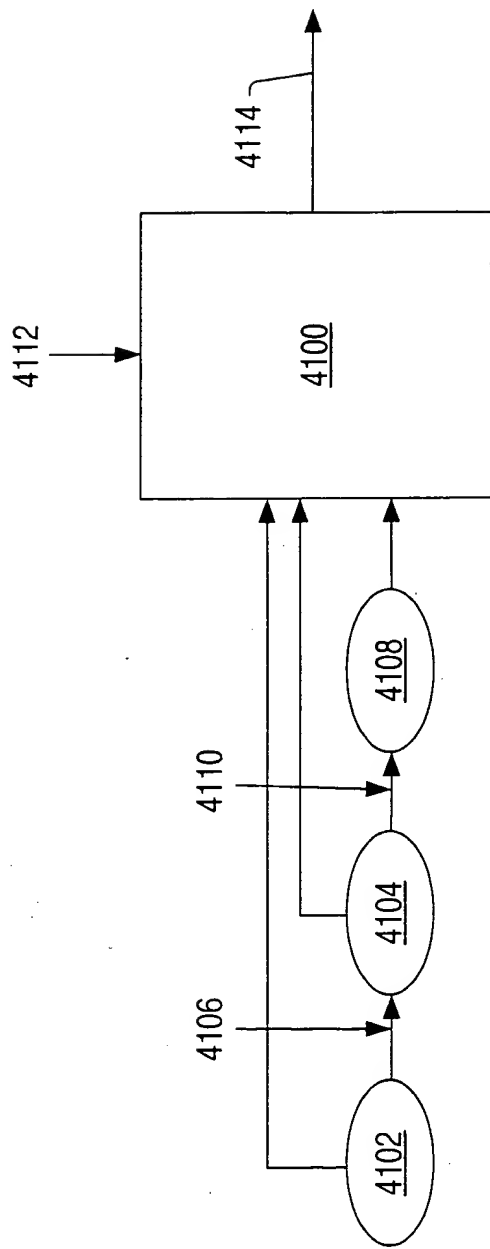


FIG. 162

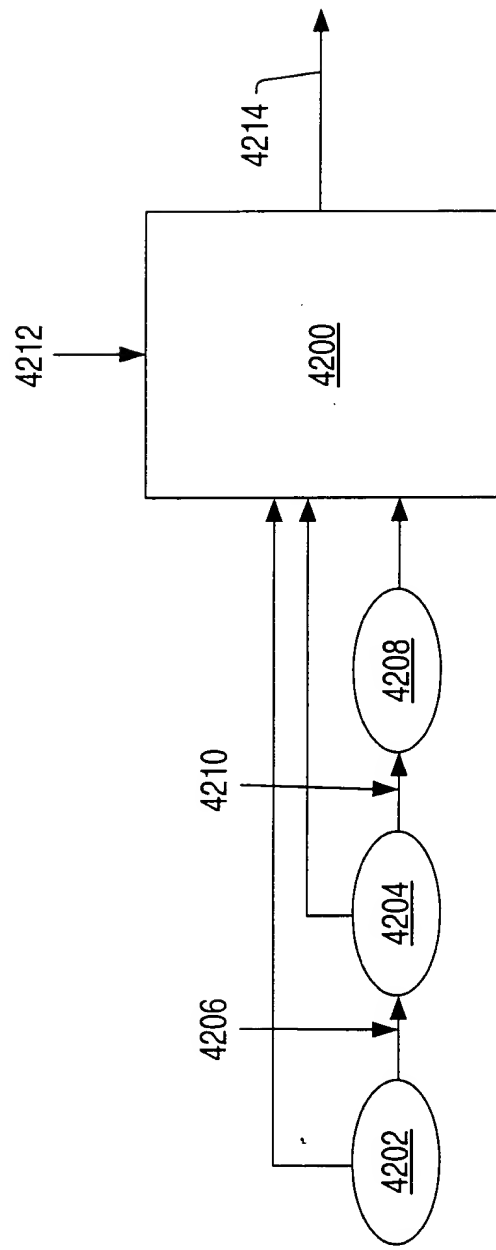


FIG. 163

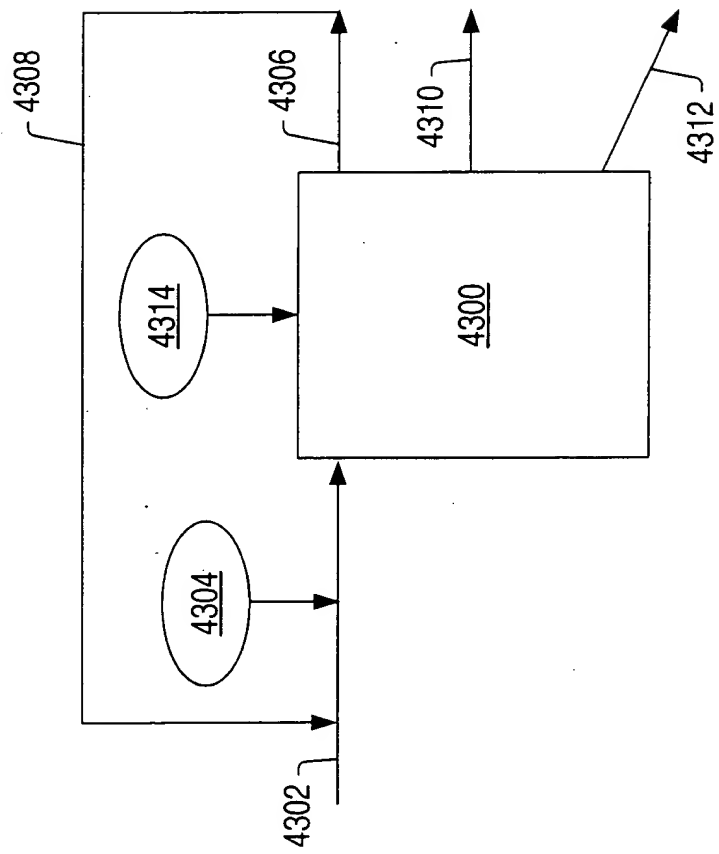


FIG. 164

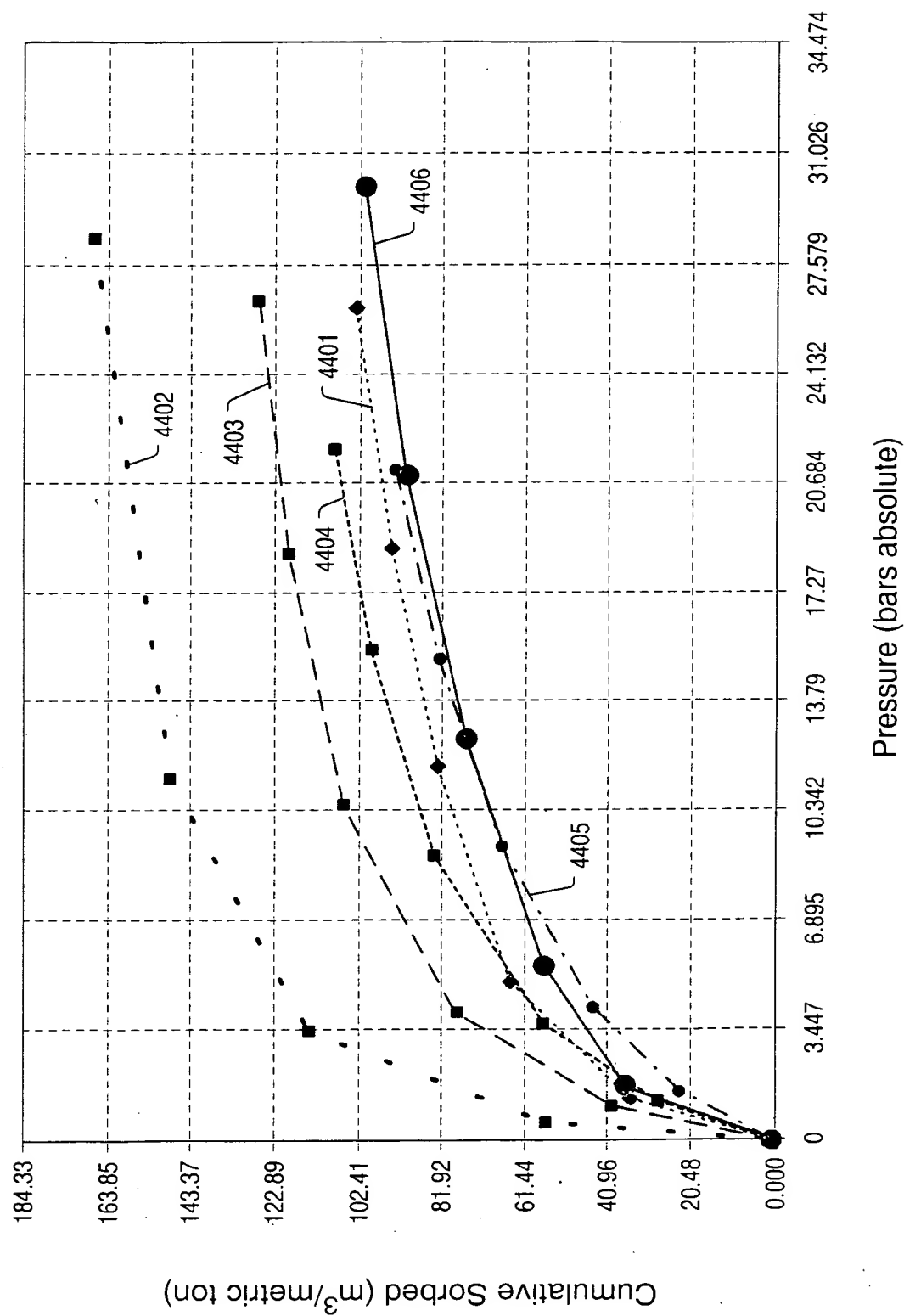


FIG. 165

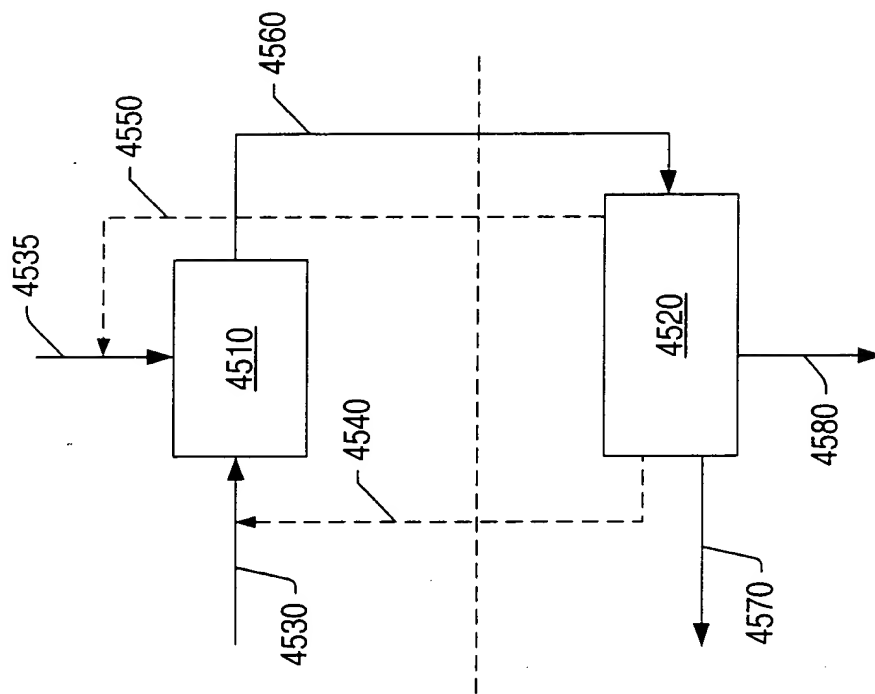


FIG. 166

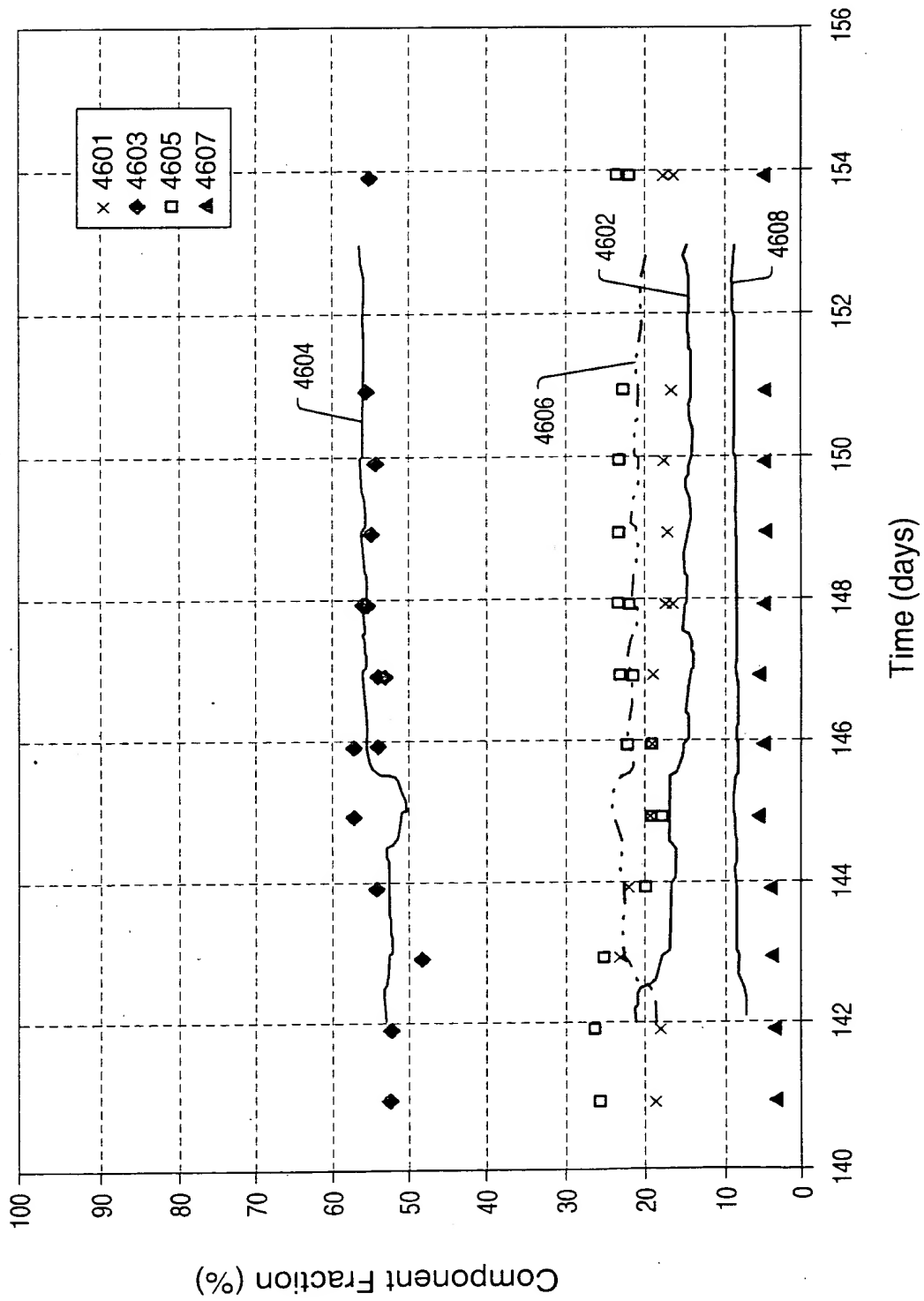


FIG. 167

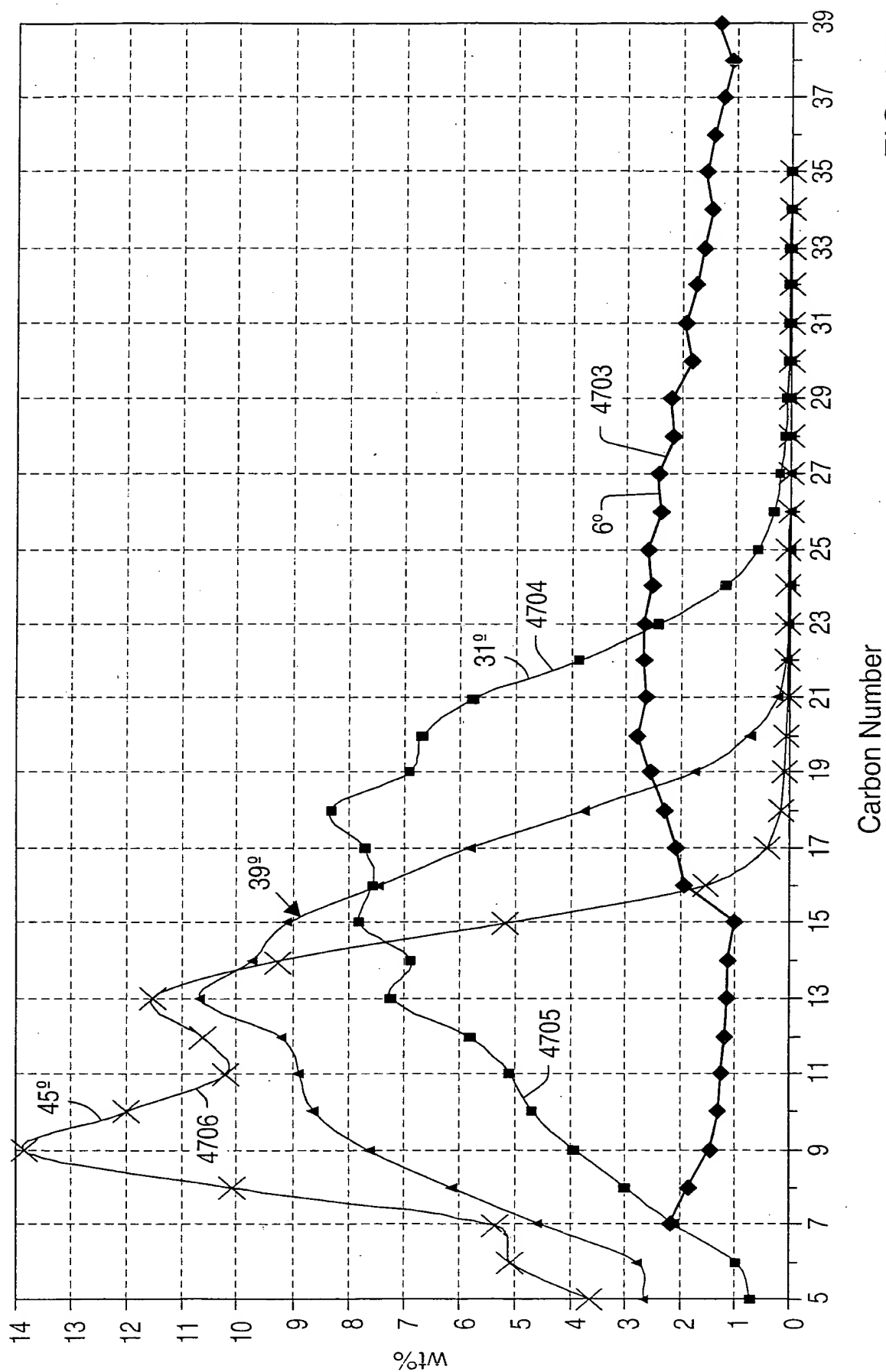


FIG. 168

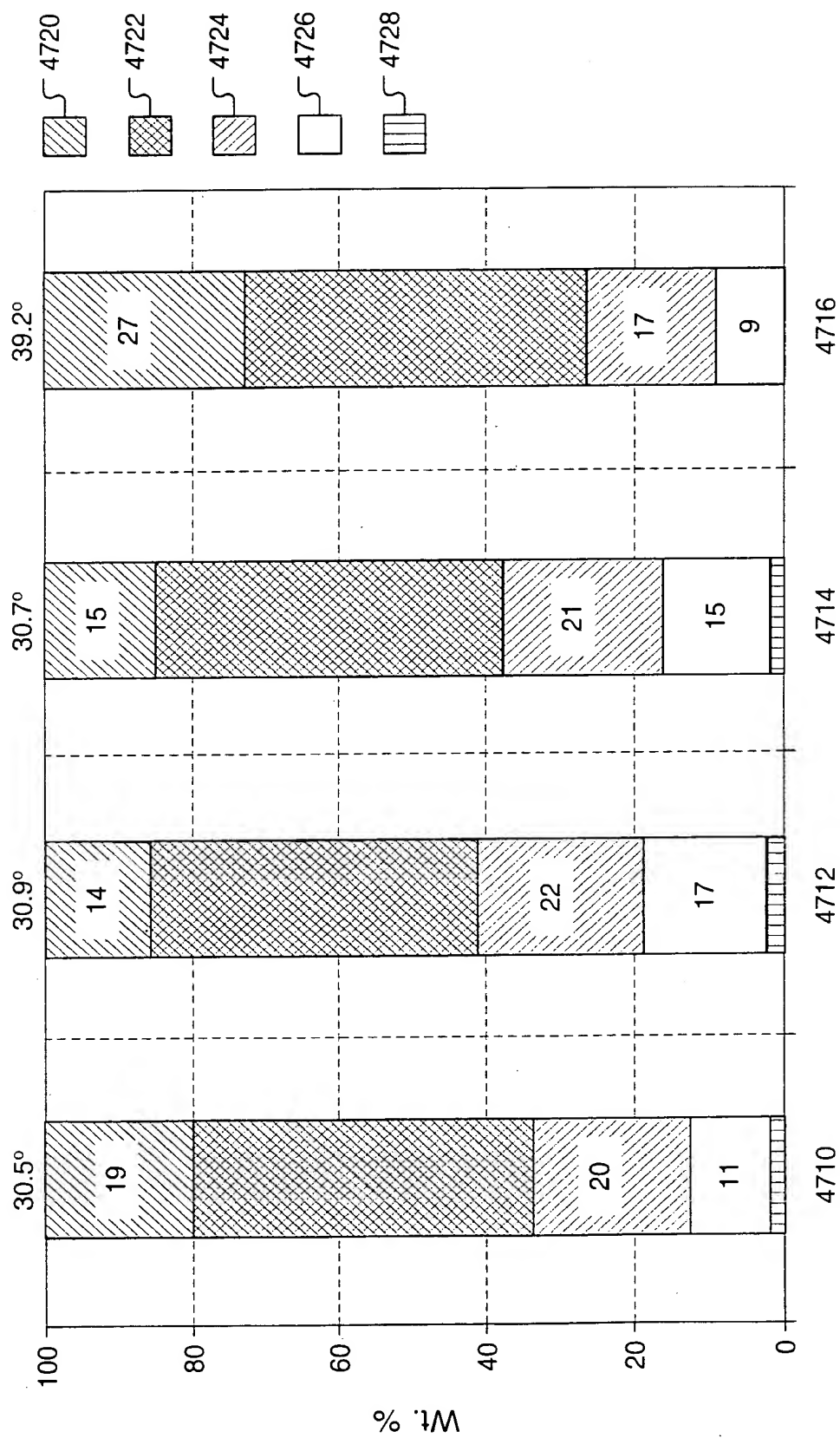


FIG. 169

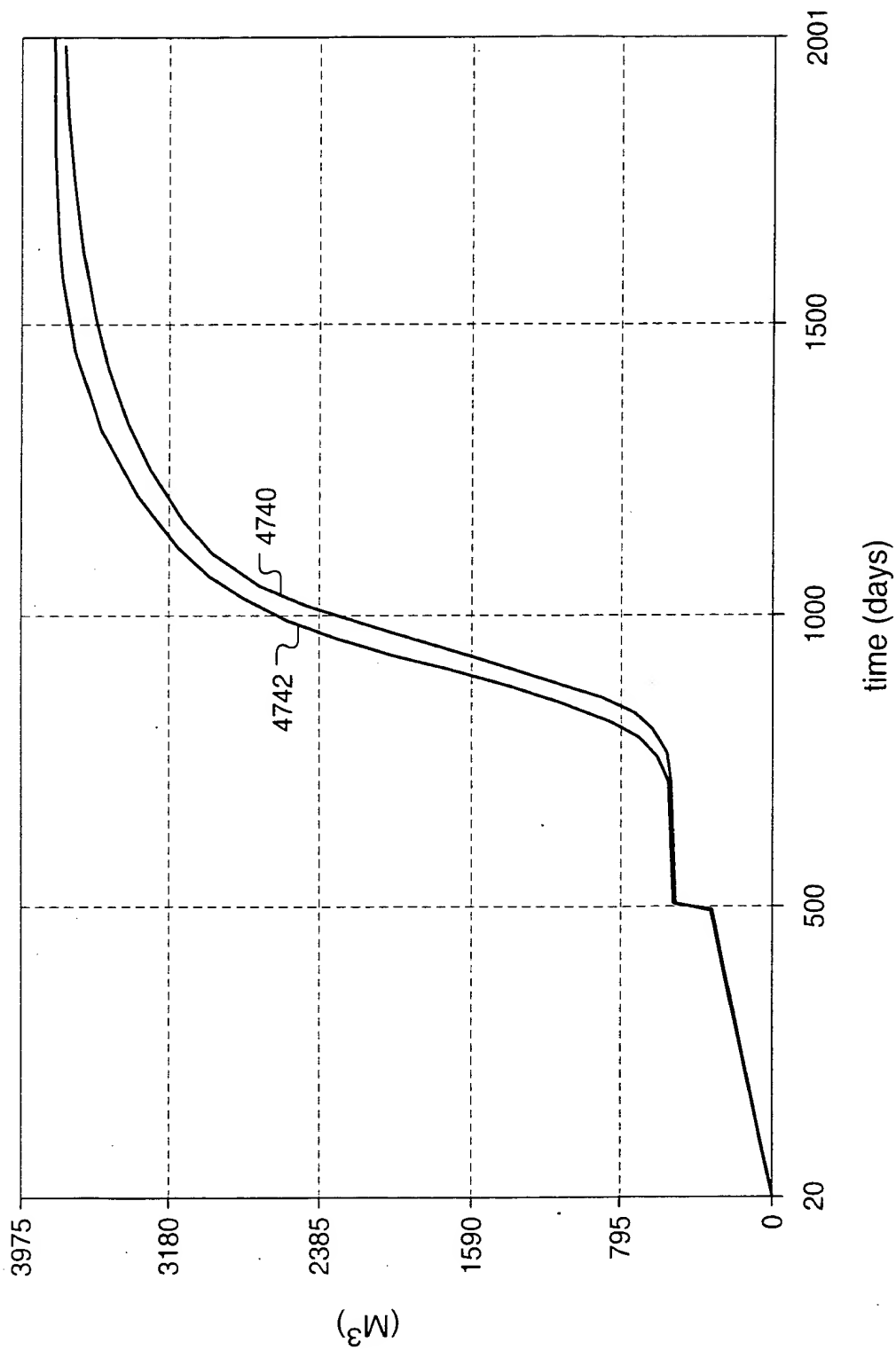


FIG. 170

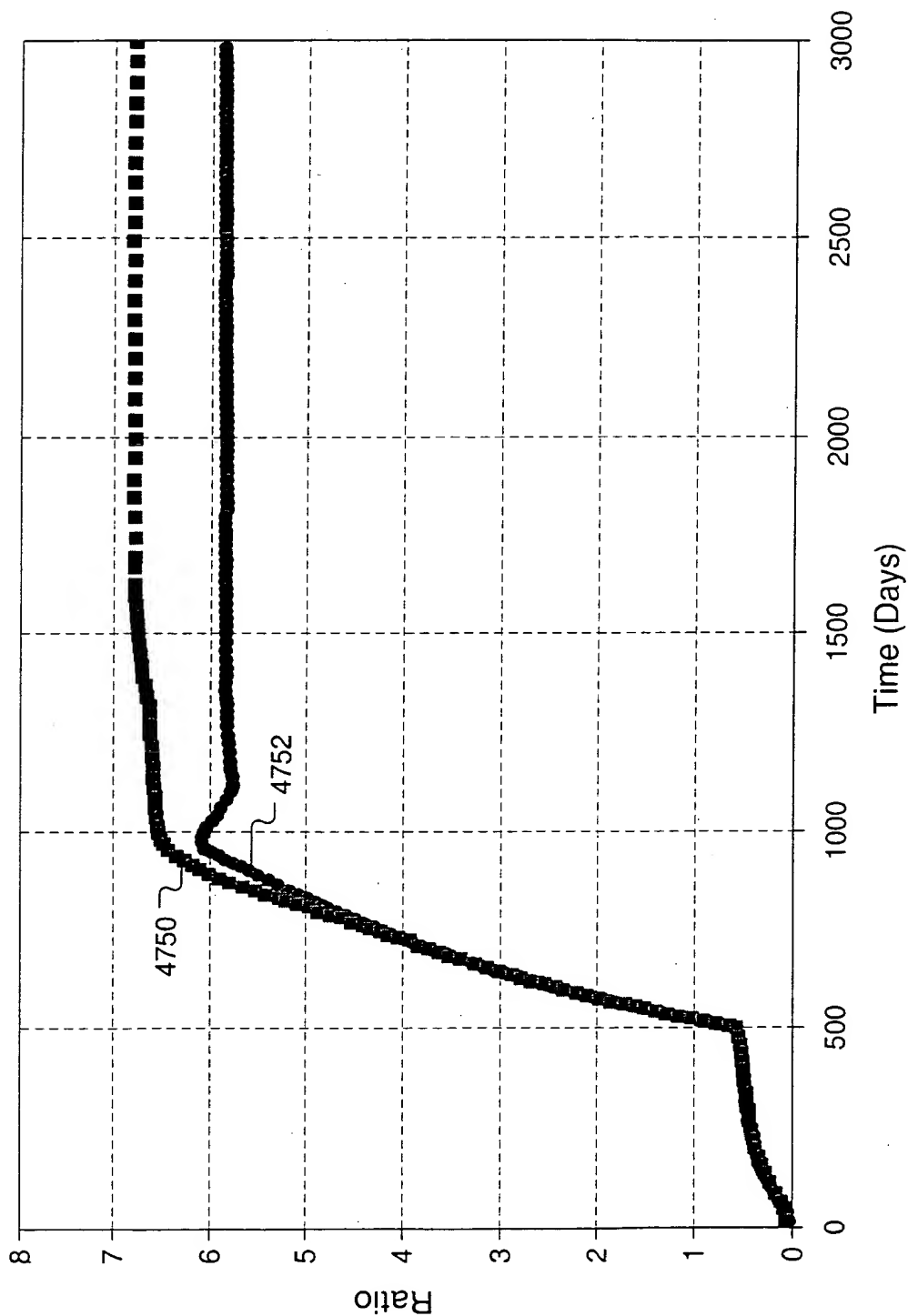


FIG. 171

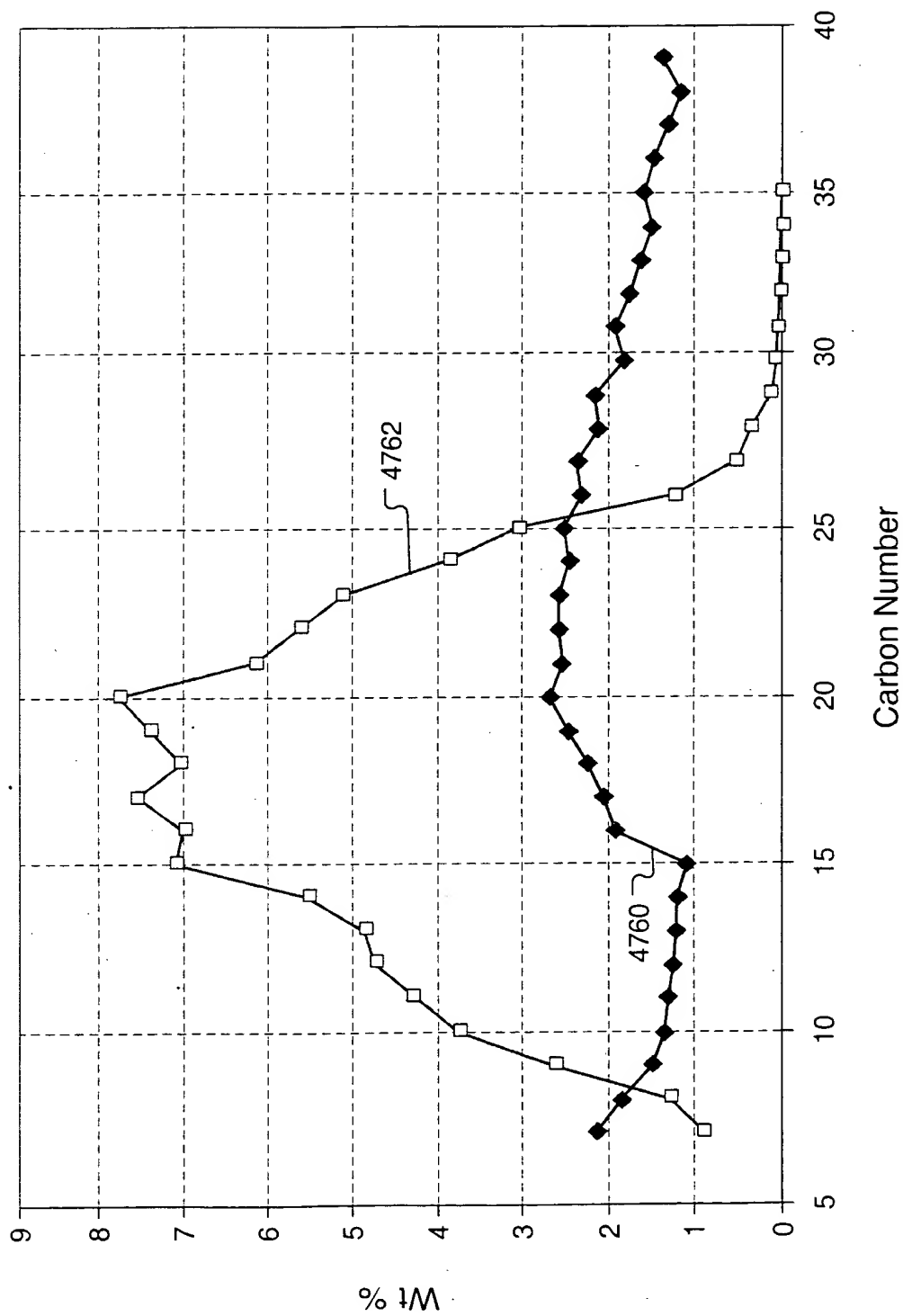


FIG. 172

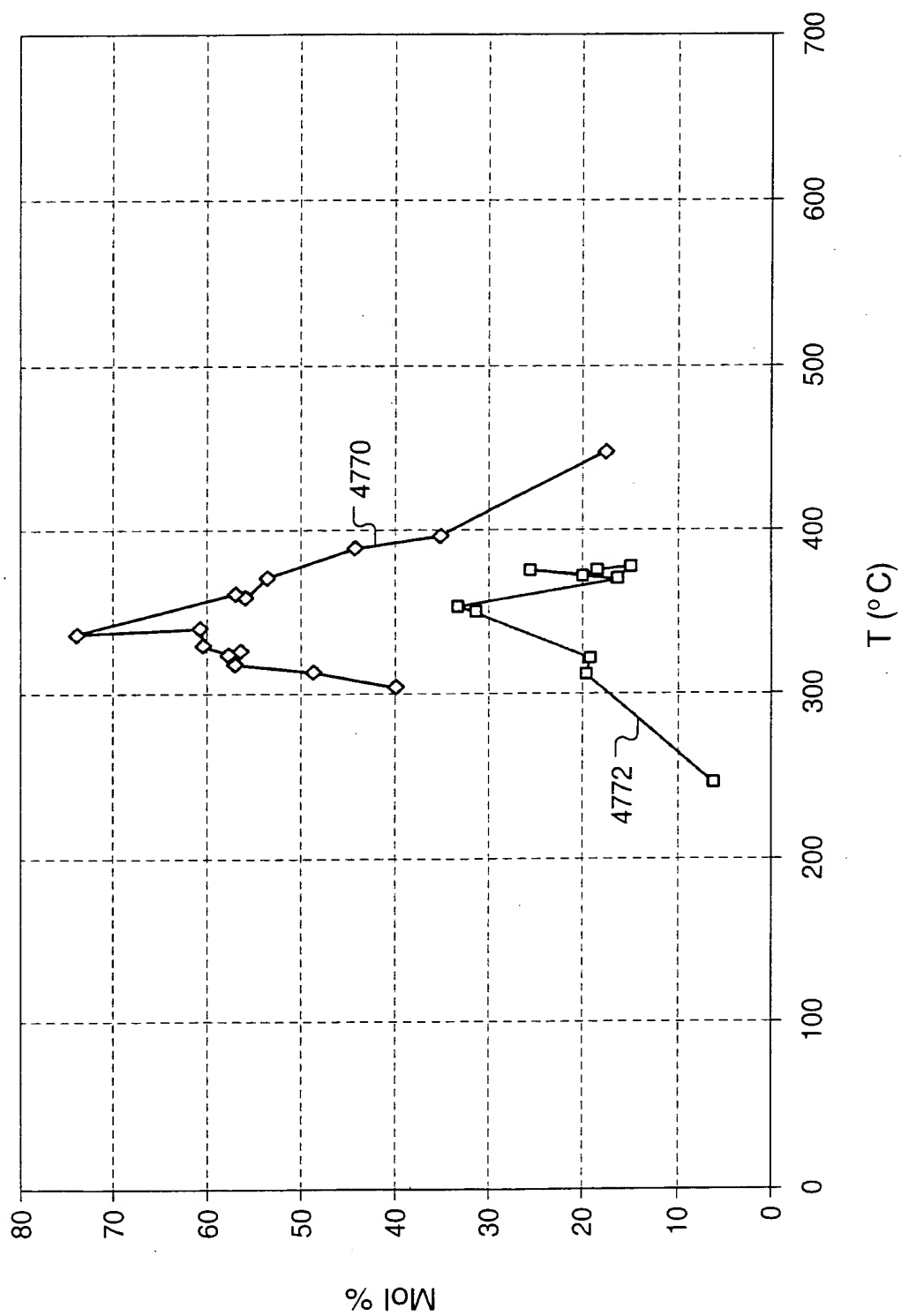


FIG. 173

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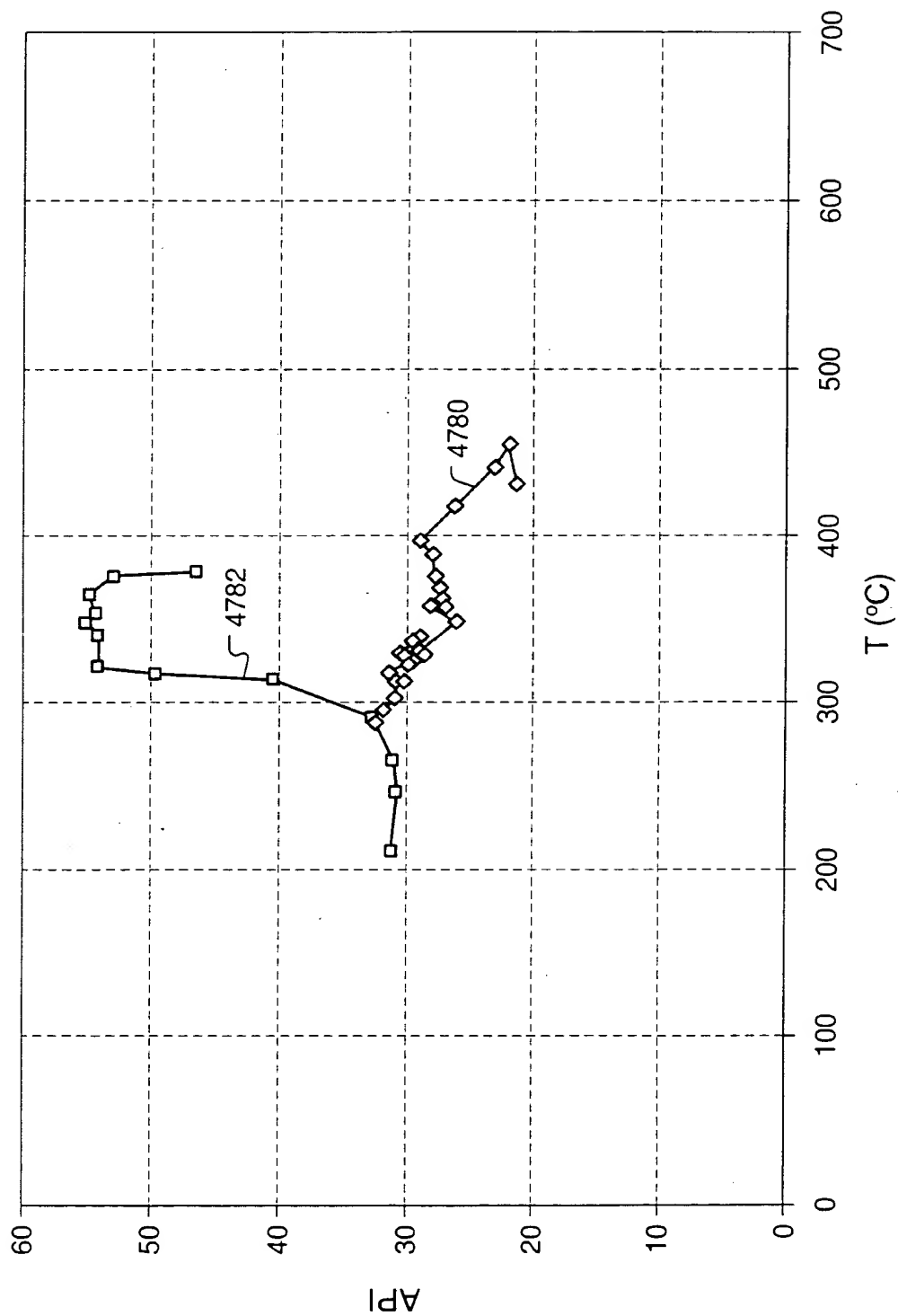
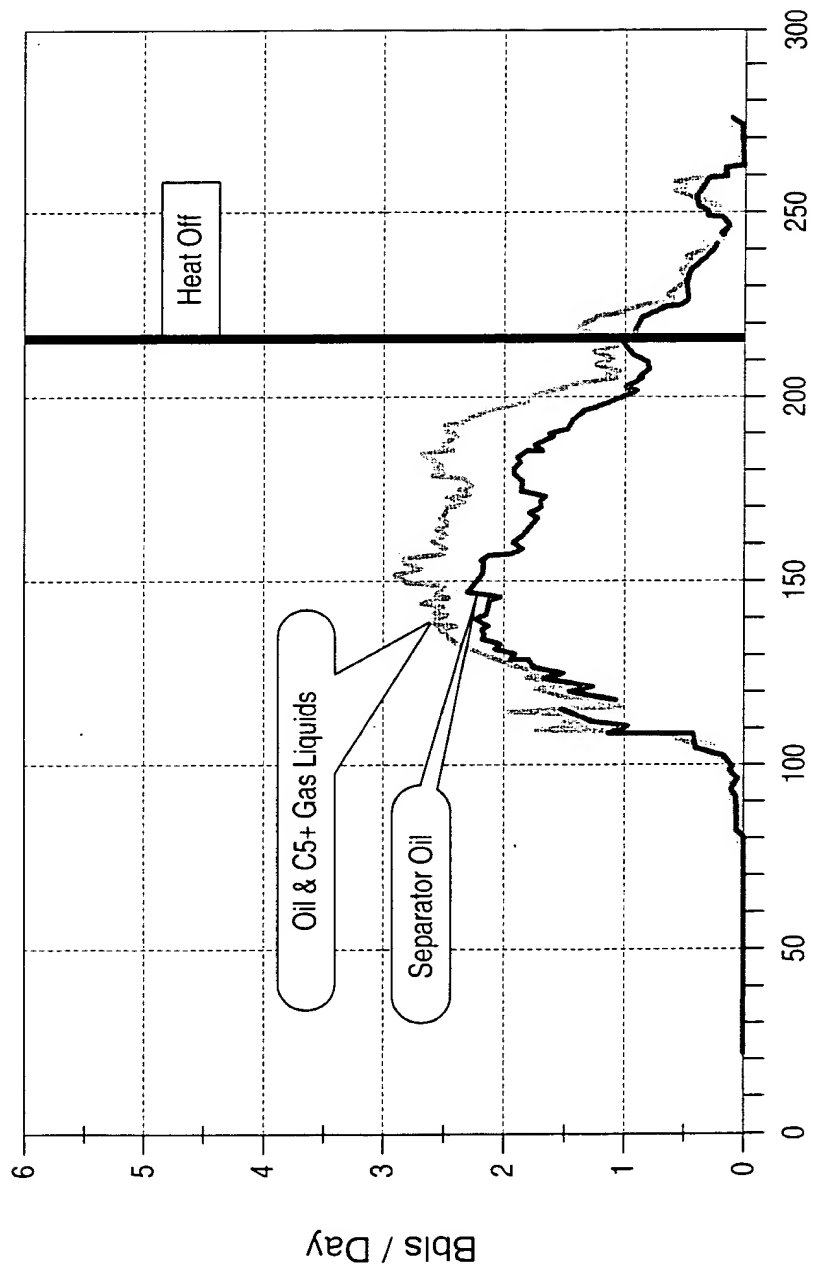


FIG. 174



Days From Start of Heat Injection

FIG. 175

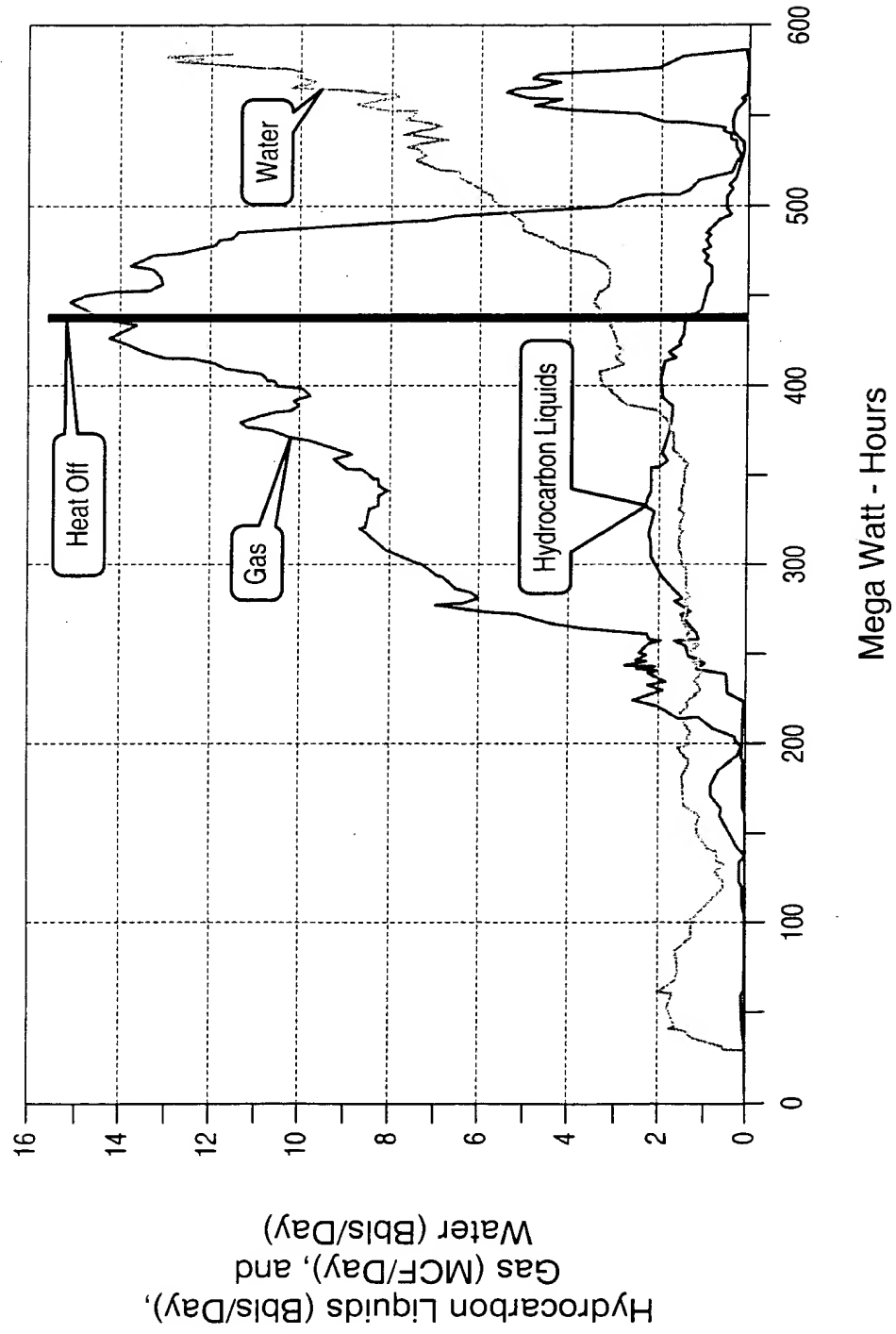


FIG. 176

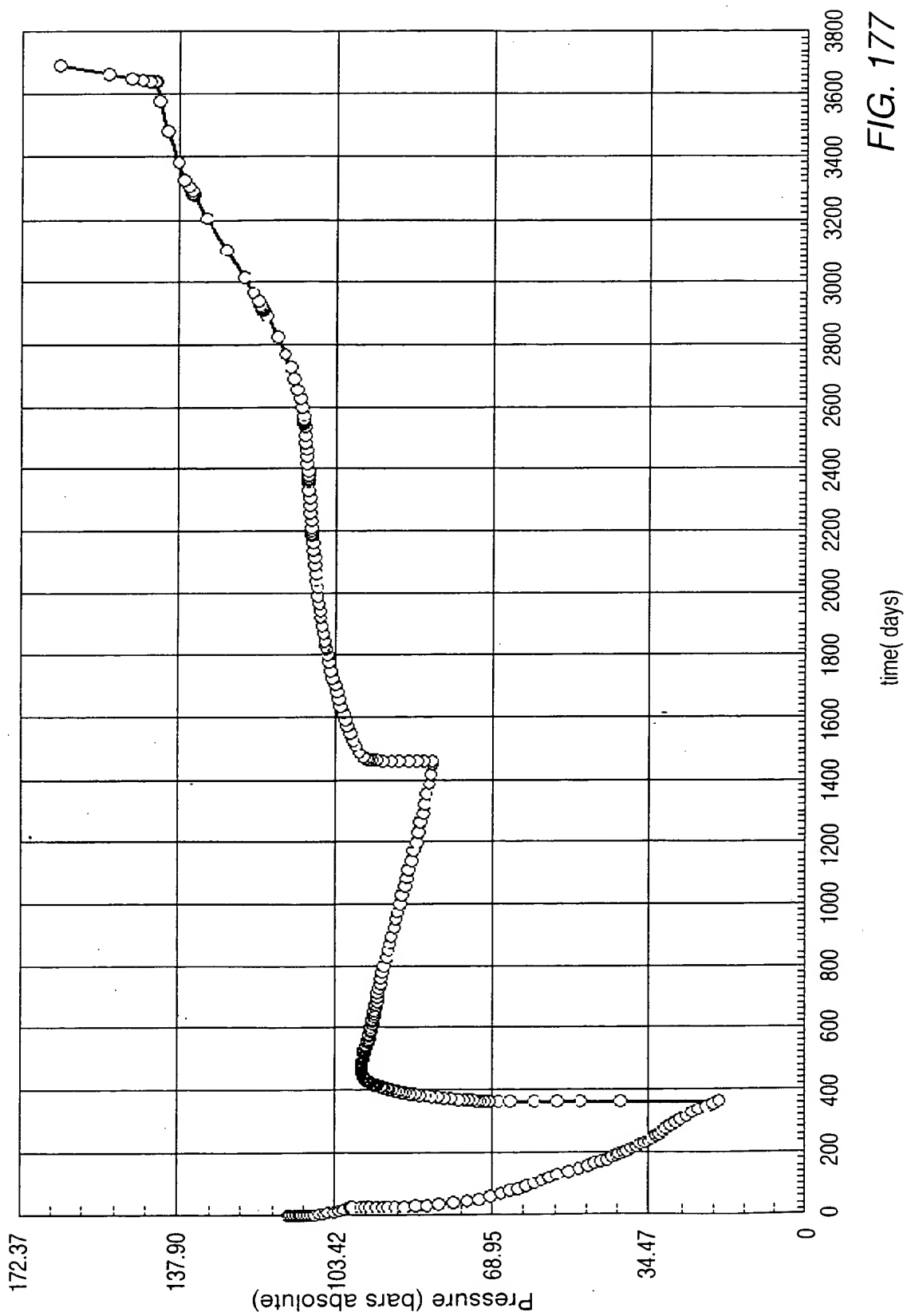
[illegible]

FIG. 177

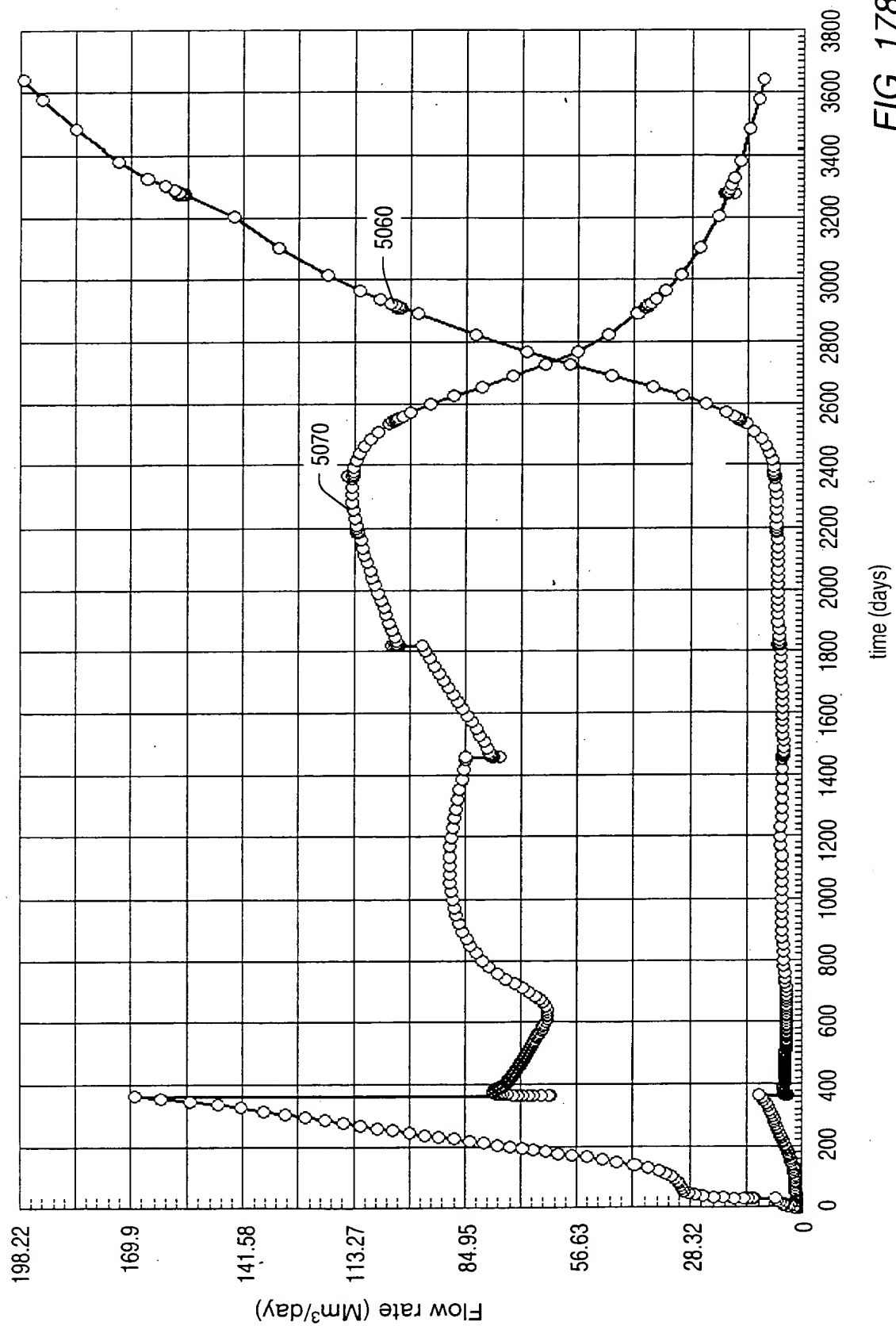


FIG. 178

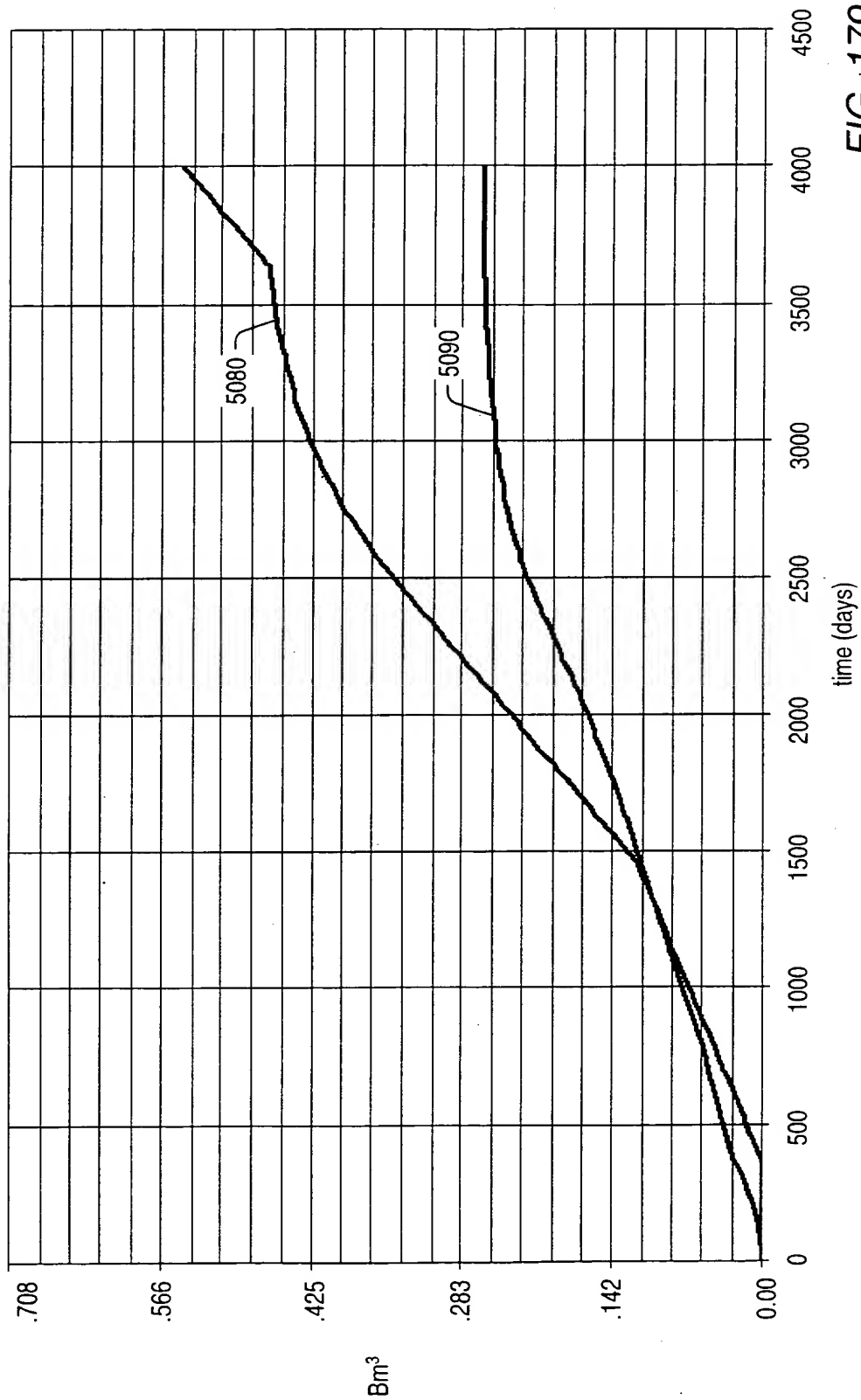


FIG. 179

1. The first part of the document is a list of references. The references are listed in two columns. The first column contains references 1 through 10, and the second column contains references 11 through 20. The references are as follows:

1. J. H. Van Veen, <i>IEEE Trans. on Acoust., Speech, and Signal Processing</i> , 37 , 1231 (1989).	11. J. H. Van Veen, <i>IEEE Trans. on Acoust., Speech, and Signal Processing</i> , 37 , 1231 (1989).
2. J. H. Van Veen, <i>IEEE Trans. on Acoust., Speech, and Signal Processing</i> , 37 , 1231 (1989).	12. J. H. Van Veen, <i>IEEE Trans. on Acoust., Speech, and Signal Processing</i> , 37 , 1231 (1989).
3. J. H. Van Veen, <i>IEEE Trans. on Acoust., Speech, and Signal Processing</i> , 37 , 1231 (1989).	13. J. H. Van Veen, <i>IEEE Trans. on Acoust., Speech, and Signal Processing</i> , 37 , 1231 (1989).
4. J. H. Van Veen, <i>IEEE Trans. on Acoust., Speech, and Signal Processing</i> , 37 , 1231 (1989).	14. J. H. Van Veen, <i>IEEE Trans. on Acoust., Speech, and Signal Processing</i> , 37 , 1231 (1989).
5. J. H. Van Veen, <i>IEEE Trans. on Acoust., Speech, and Signal Processing</i> , 37 , 1231 (1989).	15. J. H. Van Veen, <i>IEEE Trans. on Acoust., Speech, and Signal Processing</i> , 37 , 1231 (1989).
6. J. H. Van Veen, <i>IEEE Trans. on Acoust., Speech, and Signal Processing</i> , 37 , 1231 (1989).	16. J. H. Van Veen, <i>IEEE Trans. on Acoust., Speech, and Signal Processing</i> , 37 , 1231 (1989).
7. J. H. Van Veen, <i>IEEE Trans. on Acoust., Speech, and Signal Processing</i> , 37 , 1231 (1989).	17. J. H. Van Veen, <i>IEEE Trans. on Acoust., Speech, and Signal Processing</i> , 37 , 1231 (1989).
8. J. H. Van Veen, <i>IEEE Trans. on Acoust., Speech, and Signal Processing</i> , 37 , 1231 (1989).	18. J. H. Van Veen, <i>IEEE Trans. on Acoust., Speech, and Signal Processing</i> , 37 , 1231 (1989).
9. J. H. Van Veen, <i>IEEE Trans. on Acoust., Speech, and Signal Processing</i> , 37 , 1231 (1989).	19. J. H. Van Veen, <i>IEEE Trans. on Acoust., Speech, and Signal Processing</i> , 37 , 1231 (1989).
10. J. H. Van Veen, <i>IEEE Trans. on Acoust., Speech, and Signal Processing</i> , 37 , 1231 (1989).	20. J. H. Van Veen, <i>IEEE Trans. on Acoust., Speech, and Signal Processing</i> , 37 , 1231 (1989).

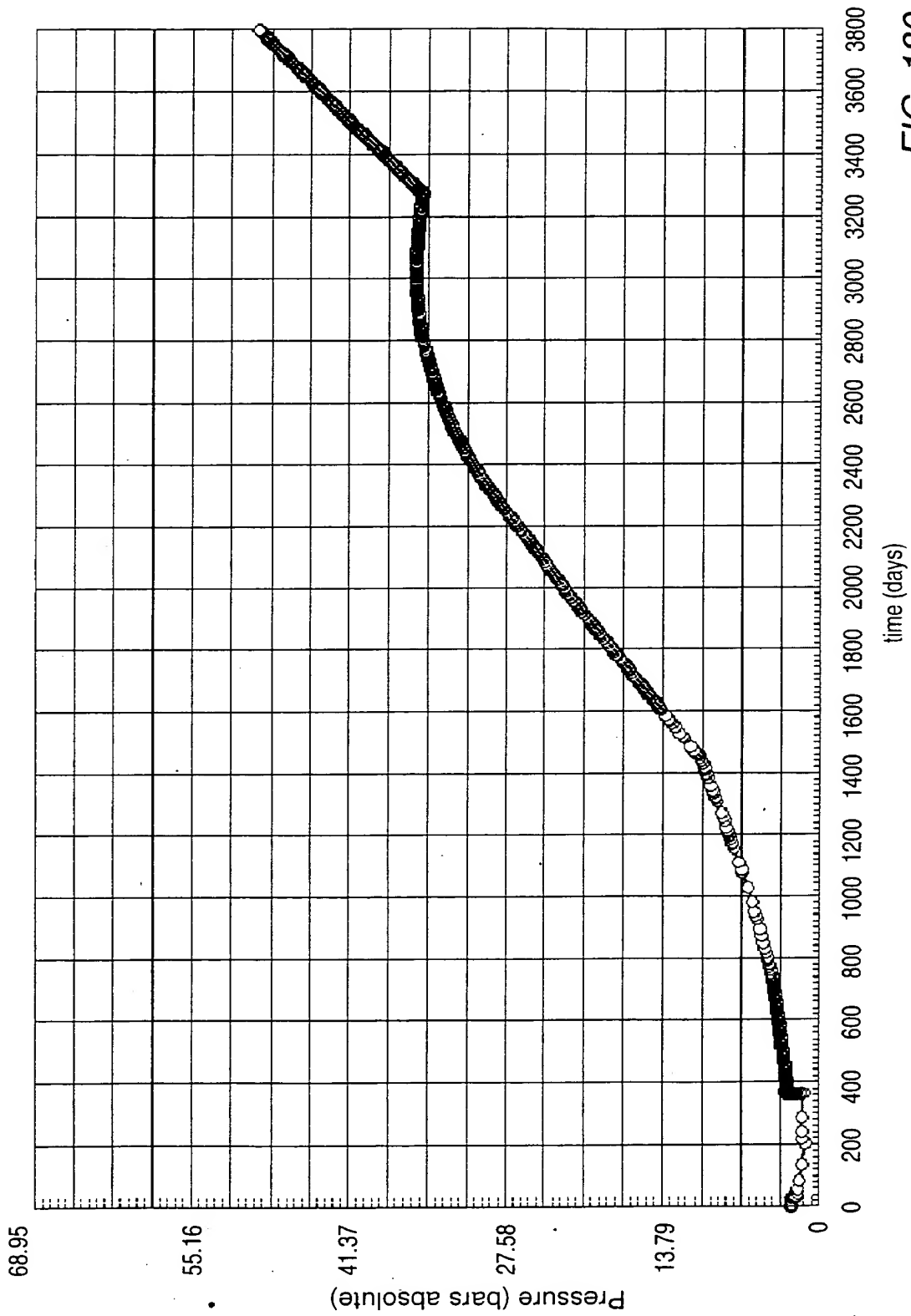


FIG. 180

Flow rate (Mm³/day)

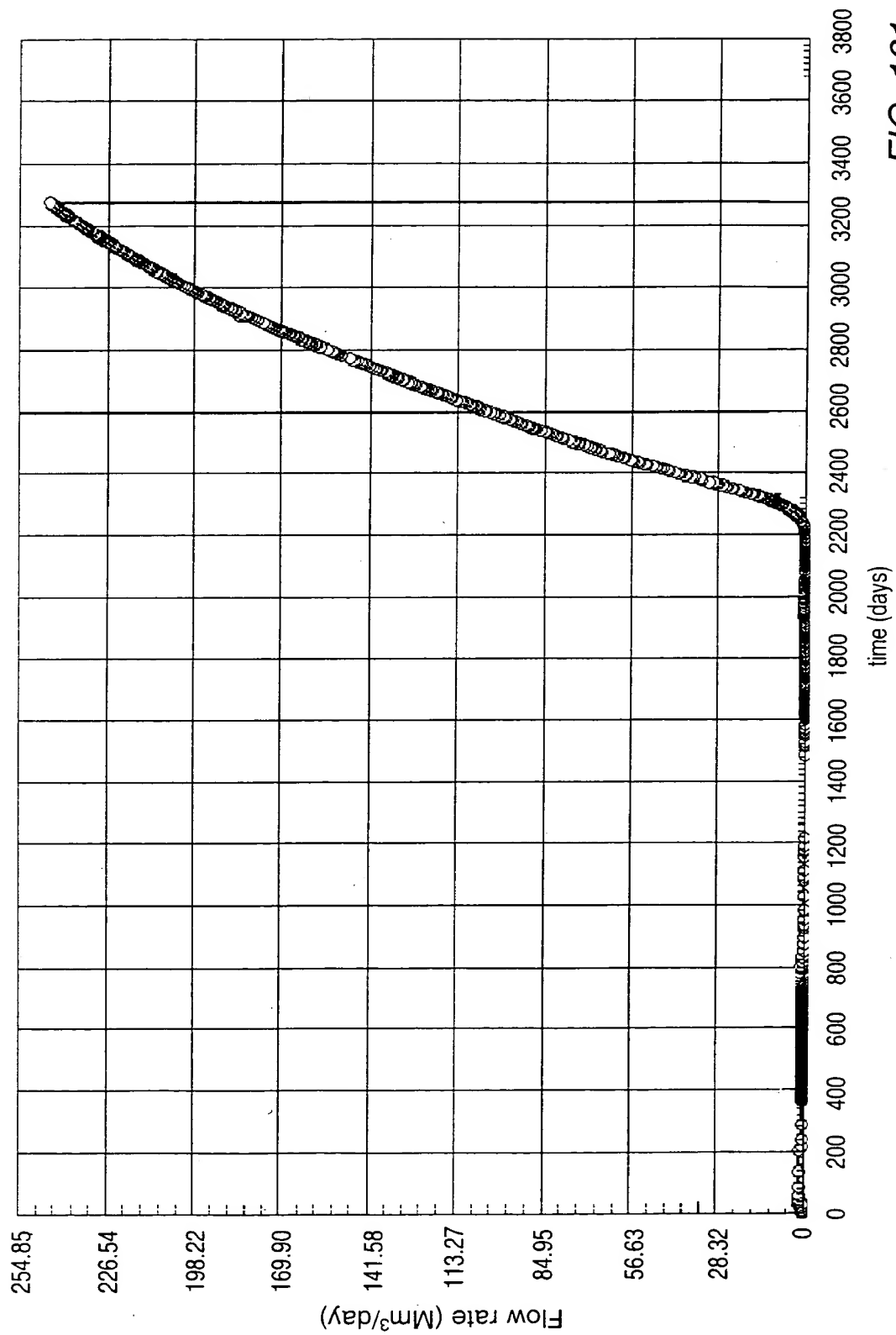


FIG. 181

100210" CEH11360

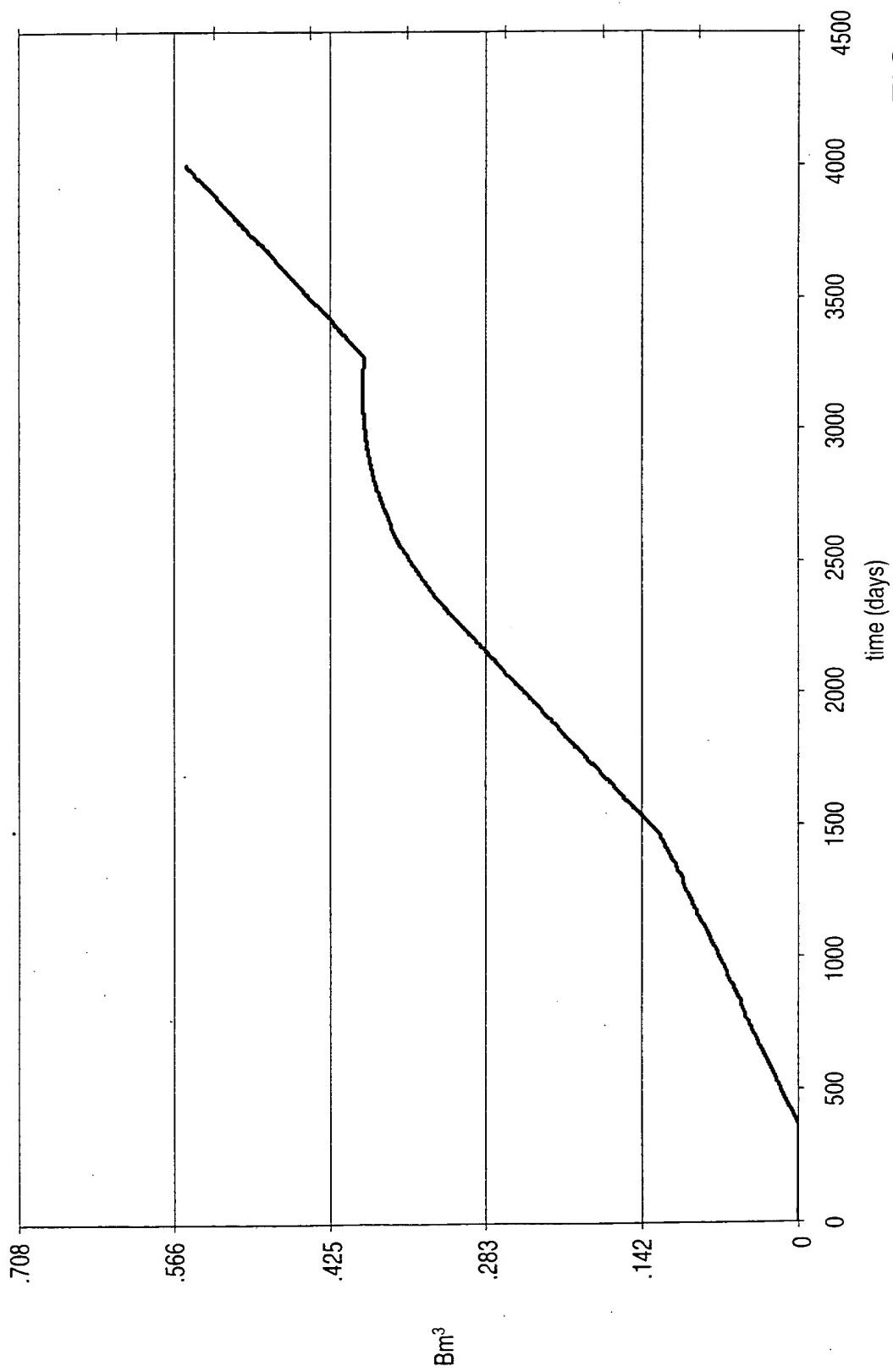


FIG. 182